

20000229.qrp v01_n746.qrl.20000229

Date: Tue, 29 Feb 2000 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1746

QRP-L Digest 1746

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- 1) [64480] Re: Part 15 questions.
by Ed Loranger <we6w@qsl.net>
- 2) [64481] Way-y-y-y-y OT: Comm Specs
by "Phinizy, William" <wphinizy@filenet.com>
- 3) [64482] Re: Use 11 metres legally for QRP (USA only)
by "Dan W. Dooley" <dandooley@pipeline.com>
- 4) [64483] FW: SD-20 poles
by "Tom Scott" <tscott@eni.net>
- 5) [64484] Multi-turn Loop Winding?
by Ed Loranger <we6w@qsl.net>
- 6) [64485] Re: Part 15 questions.
by "James Johnson" <kc5jpb@eudoramail.com>
- 7) [64486] Re: 11 meter QRP
by "Dan W. Dooley" <dandooley@pipeline.com>
- 8) [64487] Re: MAGNETIC LOOP PAGE!
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 9) [64488] RE: W1FB Lives On
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 10) [64489] RE: Thanks for Super Secret Event!
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 11) [64490] RE: W1FB
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 12) [64491] RE: Dreams come true in QRP
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 13) [64492] RE: W1FB on 14.0605
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 14) [64493] 11 meter QRP - a simple solution !
by Rick McKee <kc8aon@juno.com>
- 15) [64494] Re: Way-y-y-y-y OT: Comm Specs
by Roger Hightower <n7kt@worldnet.att.net>
- 16) [64495] Re: W1FB on 14.0605
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 17) [64496] Re: Wireless phone monitor
by bob evinger <revinger@comwares.net>
- 18) [64497] Re: QRP 1750M...Oops, that is not part 97...Yet.
by Ray Colbert <af852@rgfn.epcc.edu>
- 19) [64498] re. Magnetic Loops

- by Pete Burbank <plburbank@kih.net>
- 20) [64499] [RCVR] RS DSP and Any Receiver
by "James R. Duffey" <jamesd1@flash.net>
- 21) [64500] Convert MFJ-949E to QRP(p)?
by Rohn <rohn@pubrats.com>
- 22) [64501] Tektronix Scope Schematic
by "Dan Reynolds" <bcdlr13@home.com>
- 23) [64502] Milliwatt DXCC - almost half way there
by Jim Hale <kj5tf@yahoo.com>
- 24) [64503] Re: simplest possible antenna?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 25) [64504] SPRAT CD Question
by J38AL@aol.com
- 26) [64505] Re: 11 meter QRP
by FrConrad@aol.com
- 27) [64506] RE: NorCal Tuna Tin 2 on Front Cover!
by Nick Kennedy <nkennedy@tcainet.net>
- 28) [64507] what's QRP for PSK?
by GElam30092@aol.com
- 29) [64508] Re: MAGNETIC LOOP PAGE!
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 30) [64509] Re: Wireless phone monitor
by "Ed" <ac5dc@ipa.net>
- 31) [64510] test don't read
by N10DL@aol.com
- 32) [64511] Noise Level
by k5zty@juno.com
- 33) [64512] re: Ham Calc
by k5zty@juno.com
- 34) [64513] WTB:Rainbow Tuner/enclosure kit
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 35) [64514] Don't ignore W8KC!!! Re: Way-y-y-y-y OT: Comm Specs
by "Paul R. Valko" <prvalko@oakland.edu>
- 36) [64515] WTB:KnightSmite Kit
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 37) [64516] Re: Use 11 metres legally for QRP (USA only)
by "Michael Young" <mikey@mcs.com>
- 38) [64517] Magnifying Desk Lamps
by Rod Johnson <ka7you@juno.com>
- 39) [64518] Fox Switch!
by KQ5U <tmyers@academicplanet.com>
- 40) [64519] Re: 11 meter QRP
by Donald I Roher <donroher@juno.com>
- 41) [64520] Re: 11 meter QRP
by Donald I Roher <donroher@juno.com>
- 42) [64521] Re: 11 meter QRP
by Bob Hightower <nk7m@extremezone.com>
- 43) [64522] Kudo's for Ed Hare

by "Paul Harden, NA5N" <na5n@rtt66.com>
44) [64523] Re: MAGNETIC LOOP PAGE!
by "Cla KA0GKC" <ka0gkc@arrl.net>
45) [64524] Re: MAGNETIC LOOP PAGE!
by "Alan Kaul" <alan.kaul@worldnet.att.net>
46) [64525] Re: MAGNETIC LOOP PAGE!
by KB0R@aol.com
47) [64526] Re: 11 meter QRP
by "Mike Yetsko" <myetsko@insydesw.com>
48) [64527] QRP in Vietnam
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
49) [64528] Re: Hamcalc
by "Ron McConnell" <rcmcc@lucent.com>
50) [64529] Re: HamCalc
by "The Weinsteins" <weinsteins@home.com>
51) [64530] NC20/40 T7 - 18/(3 or 4 turns)?
by "Steve/n0tu" <n0tu@webaccess.net>
52) [64531] 11 Meter Crap!
by Larry East <w1hue@amsat.org>
53) [64532] FYBO Log reminder
by Roger Hightower <n7kt@worldnet.att.net>
54) [64533] Re: Is W1FB an Alligator ????
by GElam30092@aol.com
55) [64534] Re: QRP in Vietnam
by "Dick Schneider" <dschneider2@uswest.net>
56) [64535] Re: Convert MFJ-949E to QRP(p)?
by Earl Murphy <earlmurf@telusplanet.net>
57) [64536] WTB: HW-7
by "Dick Schneider" <dschneider2@uswest.net>
58) [64537] Sierra Module Storage
by aweiss@usd.edu (Ade Weiss W0RSP)
59) [64538] OT: Help me ID this rig please!
by AdamN7YA@aol.com
60) [64539] RE: Fine pitch SMT techniques...How to fine pitch IC's
by "Luke Enriquez" <vk3em@hotmail.com>
61) [64540] MNQRP MagLoop page.
by Ed Loranger <we6w@netzero.net>
62) [64541] Stealth antenna support line
by Goran Hosinsky <hosinsky@royac.iac.es>
63) [64542] Re: Kudo's for Ed Hare
by "J. Ervin Bates" <w8erv@email.msn.com>
64) [64543] ATTN: Zombie Folk
by "J. Ervin Bates" <w8erv@email.msn.com>
65) [64544] Frequency counter help/advice
by joe lerch <joelerch@earthlink.net>
66) [64545] Manuals Network Analyzer HP3577A
by Jacques Brenkman <pa3evz@casema.net>
67) [64546] SLV question

by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
68) [64547] Re: HamCalc
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
69) [64548] Re: NORCAL SMT kit... The Future is coming...
by Jim Durkin <jimdurkin@yahoo.com>
70) [64549] W1FB and W1RFI
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
71) [64550] Re: re. Magnetic Loops
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
72) [64551] Re: W1FB on 14.0605
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
73) [64552] Re: Magnifying Desk Lamps
by Bruce Kizerian <kizerian@ced.utah.edu>
74) [64553] Re: OT: Help me ID this rig please!
by "Richard E. Robinson" <rerobins@email.uncc.edu>
75) [64554] Re: Stealth antenna support line
by Bruce Grubbs N7CEE <n7cee@arrl.net>
76) [64555] Re: Fine pitch SMT techniques...How to fine pitch IC's
by Dick Carroll <dixie@townsqsr.com>
77) [64556] Re: Noise Level
by Dan Copeland <n0dt@alltel.net>
78) [64557] RE: Convert MFJ-949E to QRP(p)?
by Michael Ostrowski <mostrowski@CreativeSolutions.com>
79) [64558] Variable Cap Pool
by "Thom Durfee" <wi8w@arrl.net>
80) [64559] RE: Part 15 questions.
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
81) [64560] Z31FK on 28.008.8 calling CQ, DU3MBS on 28.018.0, 1430Z
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
82) [64561] RE: QRP 1750M...Oops, that is not part 97...Yet.
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
83) [64562] RE: Use 11 metres legally for QRP (USA only)
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
84) [64563] Tuna tin 2 and the likes
by Mercxx@aol.com
85) [64564] What is QRP?
by "Mike Yetsko" <myetsko@insydesw.com>
86) [64565] QRP-Tech
by w2xn@juno.com
87) [64566] Re: Tuna tin 2 and the likes
by "Mike Yetsko" <myetsko@insydesw.com>
88) [64567] RE: Tuna tin 2 and the likes
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
89) [64568] Re: What is QRP?
by Roger Hightower <n7kt@worldnet.att.net>
90) [64569] Looking for Room at Dayton
by "Brian P. Mileschosky" <n5zgt@swcp.com>
91) [64570] mobile DX on way to work

by N10DL@aol.com

- 92) [64571] Re: Kudo's for Ed Hare
by Ray Colbert <af852@rgfn.epcc.edu>
- 93) [64572] Re: NORCAL SMT kit... The Future is coming...
by Laura Halliday <va3ldh@sympatico.ca>
- 94) [64573] RE: Tuna tin 2 and the likes
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 95) [64574] ANTENNA: My sad, sad, ATAS100 story (fwd)
by "Paul R. Valko" <prvalko@oakland.edu>
- 96) [64575] Re: OT: Help me ID this rig please!
by "George T. Baker" <w5yr@att.net>
- 97) [64576] Neat Power Strip
by "Rod, N0RC" <n0rc@yahoo.com>
- 98) [64577] Re: Variable Cap Pool
by "Leon Heller" <leon_heller@hotmail.com>
- 99) [64578] Re: OT: Help me ID this rig please!
by "Bob Tellefsen" <n6wg@earthlink.net>
- 100) [64579] RE: Fine pitch SMT techniques...How to fine pitch IC's
by "Bob Tellefsen" <n6wg@earthlink.net>
- 101) [64580] Re: Frequency counter help/advice
by "Bob Tellefsen" <n6wg@earthlink.net>
- 102) [64581] The Outbacker is sold; NCG-15M still available
by Caitlyn Martin <caitlyn@netferrets.net>
- 103) [64582] RE: Fine pitch SMT techniques...How to fine pitch IC's
by Monte Stark <ku7y@dri.edu>
- 104) [64583] Re: Fine pitch SMT techniques...How to fine pitch IC's
by "Bob Tellefsen" <n6wg@earthlink.net>
- 105) [64584] AR Millennium challenge.
by Ed Loranger <we6w@qsl.net>
- 106) [64585] Re: QRP-Tech
by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
- 107) [64586] Re: AR Millennium challenge.
by Monte Stark <ku7y@dri.edu>
- 108) [64587] QRP/ARRL
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 109) [64588] Re: Kudo's for Ed Hare
by Monte Stark <ku7y@dri.edu>
- 110) [64589] Experience with Constant phase Larger Loops?
by Ed Loranger <we6w@qsl.net>
- 111) [64590] RE: Kudo's for Ed Hare
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 112) [64591] RE: QRP/ARRL
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 113) [64592] Class priviliges
by Skip <longbeard@cybernet1.com>
- 114) [64593] Re: QRP-Tech
by "Mont Pierce, KM6WT" <montp@synacom.com>
- 115) [64594] Re: ATTN: Zombie Folk

by "Paul Harden, NA5N" <na5n@rt66.com>
116) [64595] RE: Kudo's for Ed Hare
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
117) [64596] RE: NorCal Tuna Tin 2 on Front Cover!
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
118) [64597] W1FB QSL
by Curt Milton <wb8yyy@yahoo.com>
119) [64598] FS
by Robert G Seymour <bobsey1@juno.com>
120) [64599] RE: W1FB QSL
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
121) [64600] Re: ATTN: Zombie Folk
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
122) [64601] Fine pitch SMT by VK3EM...How to use fine pitch IC's
by "Tom Scott" <tscott@eni.net>
123) [64602] Inquiry
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
124) [64603] Looking for someone familiar with the HP 8410C, 8411A, 8412B
by Jim Cotton <cotton@wmich.edu>
125) [64604] Re: Testing Antenna Tuners
by "Benjamin F. Poinsett" <benmail@erols.com>
126) [64605] RE: Inquiry
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
127) [64606] RE: simplest possible antenna?
by dave.g0dja@psilink.co.uk (David J. Ackrill)
128) [64607] UK Callsigns
by dave.g0dja@psilink.co.uk (David J. Ackrill)
129) [64608] NorCal 20 - 1st Contacts
by dave.g0dja@psilink.co.uk (David J. Ackrill)
130) [64609] Re: Variable Cap Pool
by Monte Stark <ku7y@dri.edu>
131) [64610] QRQ Net Practice Sentences.
by Ed Loranger <we6w@qsl.net>
132) [64611] Re: Kudo's for Ed Hare
by Clay N4AOX <wyn@worldnet.att.net>
133) [64612] Re: Don't ignore W8KC!!! Re: Way-y-y-y-y OT: Comm Specs
by "Ron Smith" <resmith666@uswest.net>
134) [64613] R1AND - Antartica Solviet Union
by tom palmer <n1tp@worldnet.att.net>

Date: Mon, 28 Feb 2000 15:50:02 -0800
From: Ed Loranger <we6w@qsl.net>
To: James Johnson <kc5j pz@eudoramail.com>
Cc: qrp-l@Lehigh.EDU
Subject: [64480] Re: Part 15 questions.
Message-ID: <38BB09AA.47EB@qsl.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, then there is no debate. Visit <http://www.fcc.gov>
and read the text.

This is a theoretical discussion list pertaining to
experimentation and operating.

The proper question should have been:

"Where may I find the part 15 text for a question
I have."

.eof

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Mon, 28 Feb 2000 16:14:01 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [64481] Way-y-y-y-y OT: Comm Specs
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5BBC@hq-expo2.filenet.com>

..does anyone know what became of the company, Communications Specialists,
who used to make the tone encoder boards?

Please accept my humble pardon for this -- but I was just curious..

Date: Mon, 28 Feb 2000 18:05:04 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64482] Re: Use 11 metres legally for QRP (USA only)
Message-ID: <[006201bf8249\\$de8efec0\\$05987b7b@CSS0048.bergenbrunswick.com](mailto:006201bf8249$de8efec0$05987b7b@CSS0048.bergenbrunswick.com)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I thought I read somewhere, some years ago that ham calls often are used on this band. I thought that users were pretty much free to use whatever identifier they chose to use. Never been there myself though.

"Custom" may dictate something entirely different....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandoooley@pipeline.com

May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

-----Original Message-----

From: Mike Manship <mjmanship@iquest.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Monday, February 28, 2000 2:27 PM

Subject: Re: Use 11 metres legally for QRP (USA only)

>At 01:44 PM 02/28/2000 -0600, James Johnson wrote:

>...People on the 160 to 190 KHz band can use amateur call signs even though
>that Part 15 band is not related to part 97.

>>

>>James Johnson

>>kc5j pz@eudoramail.com

>

>

>I went to a local ham club meeting several years ago here in Indianapolis.

>A local K9 (I cannot remember his call) who was a big timer on the 160-190
kHz

>band stated REPEATEDLY that the use of ham radio callsigns on that band
>was not permitted. That's why everyone was using calls such as "9XX" or
other

>such made up things.

>

>Now I am totally confused !

>

>73 de Mike W90J

>

Date: Mon, 28 Feb 2000 16:22:00 -0800

From: "Tom Scott" <tscott@eni.net>

To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>, "'Antennas Reflector List'"
<antennas@qth.net>

Subject: [64483] FW: SD-20 poles
Message-ID: <000001bf824b\$01326060\$68100f0a@wyle.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those interested in the South Bend SD-20 fishing pole for antenna use. I just ordered one from these folks today. Very easy to deal with. He's got them in stock, and said he'd ship the same day.

Says he sells a lot more for antenna use than for fishing!

I was tempted to get two, but my XYL probably isn't going to understand my "urgent" need for one.

\$19.95 + \$4.95 shipping in my case, quite a bargain.

You can order direct from the following mail order company:

National Sports Supply
P.O. Box 14
Random Lake, WI 53075
920-994-9218
877-423-3474

Thanks to Harley Miller for the info.

- Tom

?Tom Scott - Wyle Electronics - KD7DMH
10300 SW Nimbus Ave #PB, Portland, OR 97223
503-603-1931 - Tel 503-684-6620 - Fax
503-703-2032 - Cell

Date: Mon, 28 Feb 2000 15:22:22 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [64484] Multi-turn Loop Winding?
Message-ID: <38BB032E.3F7@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, just doing some daily reading from John Kraus' "Antennas" text. I'm on page 253 where he describes a 6000 Ohms Radiation Resistance for Figure 6-12: Radiation resistance of single-turn circular loop with uniform, in-phase current as a function of the loop circumference in wavelengths, $C(\lambda)$.

How the heck do you get a single turn loop, 10 waves in circumference to have a constant in-phase current?

Any help on this?

6 KOhms Radiation resistance would be awesome for a loop. Not to be confused with a small TX loop.

TIA.

72, Ed

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Mon, 28 Feb 2000 18:27:54 -0600
From: "James Johnson" <kc5j pz@eudoramail.com>
To: we6w@qsl.net
Cc: qrp-l@Lehigh.EDU
Subject: [64485] Re: Part 15 questions.
Message-ID: <LFEPKMJNKFCFAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

Ed:

1.) I asked the question that I wanted to ask.

Just in case anyone forgot...It was:

"Hello:

Is anyone interested in using 11 meters QRP? No license is required...and, of course, technician class operators are included. Here are some details:

'15.227 Operation within the band 26.96 - 27.28 MHz.

(a) The field strength of any emission within this band shall not exceed 10,000 microvolts/meter at 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in '15.35 for limiting peak emissions apply.

(b) The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in '15.209.

I would love to hear if anyone is going to use that band. Write me at:
kc5jpbz@eudoramail.com"

2.) I have the following:

Part 2

Part 5

Part 13

Part 15 (That's why I know what I'm talking about.

Part 17

Part 18

Part ...well let's just say I have many parts of title 47 of the CFR including Part 95 and Part 97.

What I was wanting is:

to invite QRP operators to operate on other bands that may be a lot of fun and;

to have a theoretical discussion pertaining to QRP experimentation and operating without the narrow limitations of the ARS even though ARS band is included and ARS operators would benefit from some discussions that will probably not take place now.

If everyone used filters as a few vocal list subscribers do then there would be no messages getting past the filters because filtering is the death penalty for a persons ideas after they talk about a subject such as ban of cellphone use while driving. I use no filters because while I might not have an interest in what you say today, tomorrow is another day. The delete key is easy and I will not be mortally wounded if you should decide to use it.

See you on 160 or 80 or 40...QRP Part 15

Best Regards,
James Johnson
kc5jpbz@eudoramail.com

--

On Mon, 28 Feb 2000 15:50:02 Ed Loranger wrote:

>Well, then there is no debate. Visit <http://www.fcc.gov>
>and read the text.
>
>This is a theoretical discussion list pertaining to
>experimentation and operating.
>
>The proper question should have been:
>
>"Where may I find the part 15 text for a question
>I have."
>
>.eof
>--
>-72/Ed WE6W

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

Date: Mon, 28 Feb 2000 18:26:05 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <kc5j pz@eudoramail.com>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [64486] Re: 11 meter QRP
Message-ID: <006301bf824b\$93cff220\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think this issue has been answered and beat to death. There is absolutely
NO reason in the world - and I'll argue that with anyone, for any licensed
ham operator for any reason, to go anywhere near the 11 meter band. No more
than I as a law abiding and socially responsible and I hope - a proponent of
decency - software developer will go anywhere near a hackers gathering.
There is a criminal element in most every aspect of society. The computer
world has its criminal element. The radio world has its criminal element.
Like elements associate together. They think alike and talk alike. They
would love nothing better than for the FCC to relax the rules, or better
yet, eliminate all restrictions to them entering the bands you and I operate
legally.

If a criminal reforms himself and wants to work and operate in the civilized
world he can and will and should. But he must leave his old ways behind.
There is no reason for me to join his world.

Friends, if you don't think that is where the criminal element hangs out, spend some time there and listen. And don't tell me that you know some really nice guys who just happen to be hang out in that world. There are some really "nice guys" in the state pen. too.

Get those radios tuned above 28 MHz and onto CW, AM or whatever, and appreciate the work and pride your earned license should reflect! Let's get off this talk of "restrictions" narrow application, etc. A civilized society has to have some sense of order and right and wrong if it intends not to fall into total chaos. Even animal societies know and follow that.

I will say no more on this subject.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandooley@pipeline.com

May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

-----Original Message-----

From: James Johnson <kc5jpb@eudoramail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Monday, February 28, 2000 2:28 PM

Subject: 11 meter QRP

>

>--

>

>On Mon, 28 Feb 2000 08:08:11 Dan W. Dooley wrote:

>>I recently repaired an old CB handheld (QRP power if you will) for my
>>father-in-law. Bad on-off switch. It had two xtals in it. I listened to
>>one briefly one evening. Some stuff some savage was playing on it
wouldn't

>>be allowed on the most "open" X-rated cable channel. No intelligent
>>conversations at all. Talk about a wasteland. Not fit for human
>>consumption.

>>

>>Nope. Move the QRP rigs off of 11 and onto 10 or somewhere....

>>

>>

>>Dan W. Dooley WB5TKA Bedford, Texas EM12ku

>> e-mail to: dandooley@pipeline.com

>

>Hello neighbor:

> More QRP on 11 meters would help to drown out the garbage.

>James Johnson

>Arlington, Texas
>kc5j pz@eudoramail.com
>
>
>
>Join 18 million Eudora users by signing up for a free Eudora Web-Mail
account at <http://www.eudoramail.com>

Date: Mon, 28 Feb 2000 18:33:47 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: ka0gkc@arrl.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64487] Re: MAGNETIC LOOP PAGE!
Message-ID: <007801bf824c\$a5242cc0\$ae28bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Cla,

Please let me know what the new URL will be on the MNQRP Society website for
ON4CEQ's information so I can update my loop page's links. Thanks.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 28 Feb 2000 19:48:29 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'tjarey@home.com'" <tjarey@home.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [64488] RE: W1FB Lives On
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1D8@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Just threw out my call and worked W1FB. Nice to hear
> that call on the air once more.

I can hardly describe how pleased I am that this has all come together to culminate in the issuance of W1FB. One of the charter members of the club is Dave DeMaw, so we got the call as a club with the permission of the immediate family. Doug DeMaw's greatest work in Amateur Radio probably was his work here at ARRL HQ over the years. The call is now associated with everything that was important to Doug when he was here -- the Connecticut area, ARRL HQ (through the number of staff who are club members), QRP and most important, his family. It is an honor to play a small role in make it all happen. Somehow, after the unbelievable saga of the Tuna Tin 2 transmitter, it seems so fitting that it has all come full circle.

> Am I correct in assuming the QSL route is W1AW or is
> it the Conecticut QRP Club???

I am the unofficial QSL manager, so QSL to W1RFI. I print the certificats here, so best to send to:

ARRL HQ
Attn: Ed Hare
225 Main St
Newington, CT 06111

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: T.J. "SKIP" Arey N2EI [mailto:tjarey@home.com]
Sent: Saturday, February 26, 2000 8:27 PM
To: Low Power Amateur Radio Discussion
Subject: W1FB Lives On

Just threw out my call and worked W1FB. Nice to hear that call on the air once more.

Am I correct in assuming the QSL route is W1AW or is it the Conecticut QRP Club???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 28 Feb 2000 19:54:32 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'kd1yv@mindspring.com'" <kd1yv@mindspring.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64489] RE: Thanks for Super Secret Event!
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1D9@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Then I heard the ROAR of the pileup!

I got to experience the pileup in a special way. That first QSO was between Dave DeMaw, Doug's son, and Jean DeMaw, Doug's wife. After it was all over, and Dave sent the last "dit dit," the band sprang to life with a virtual wall of sound. I listened to it, but was absolutely thrilled to see the look of awe on Dave's face! Believe me, it was priceless. He settled down fast, though, and got right to it, and was knocking them off every couple of minutes.

We had made a choice to keep the QSOs real, with more than "599 QRZ?" content. OTOH, when you know that there are a lot of people waiting in line, you don't really want to ragchew. Things quieted down some, so I could occasionally take a few minutes to chat, but for many contacts, I took the fast way out. To those that, due to the timing of the ebb and flow of pileups and unanswered CQs, the QSO was a bit rushed, please accept my apology and take some comfort in the fact that we have more activities planned, so, sooner or later, you can do it again under more calm conditions.

We even have a few events that may give you a shot at being on the operator end of the pileup. :-) And not all of them are from Connecticut! (Gosh, I love secrets, don't I? :-)).

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor

225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: KD1YV [mailto:kd1yv@mindspring.com]
Sent: Saturday, February 26, 2000 9:31 PM
To: Low Power Amateur Radio Discussion
Subject: Thanks for Super Secret Event!

Thanks to Ed and the Central CT gang for putting together the W1FB Super Secret QRP Event! I was a few minutes late tuning in, but caught the tail end of the Special QSO.

Then I heard the ROAR of the pileup! Five watt rigs, a thousand strong! I tried a few times, but didn't think that I had any chance to break that pileup. I gave up, and figured I'd try again after I went to the store with N1SLB (the XYL.) Surely when we got back, the din would be down.

I got cleaned up, and came back to the shack to turn off the rig. I heard another call, and half-heartedly threw out my call, _while standing beside the operating position_. HOLY CRAP, HE ANSWERED ME! I had to quickly sit down, clamp on the cans, and complete the QSO. Boy, was I surprised!

Anyway, thanks again, guys. It was great to hear W1FB on the air!

--

72/73 de Jim, KD1YV
If things get any better, I may have to hire someone to help me enjoy it

Date: Mon, 28 Feb 2000 20:00:29 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'newbold@cmn.net'" <newbold@cmn.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [64490] RE: W1FB
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1DA@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Thanks for the great special event.

I have seen a lot of folks offering thanks, but it really hit me as I was dozing off, curled up in a sleeping bag alone on the W1AW floor, that I have found this to be such an incredible experience, to be permitted to be the one through which so much QRP "magic" flows, that it is ME who should be grateful. So, please allow me to extend my thanks to all those whose enthusiasm and participation have given me this wonderful chapter in my life.

73,
Ed Hare, W1RFI

-----Original Message-----

From: Mike Newbold [mailto:newbold@cmn.net]
Sent: Sunday, February 27, 2000 12:15 PM
To: Low Power Amateur Radio Discussion
Subject: W1FB

Go to qrz and enter: W1FB. cool pic of Doug, check out his iron and rig.
Thanks for the great special event.

72 de K0Y0
Mike Newbold
Oak Creek
CO

Date: Mon, 28 Feb 2000 20:08:08 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'kf2ew@juno.com'" <kf2ew@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64491] RE: Dreams come true in QRP
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1DB@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> I'm sitting here but don't know what to say...how do

> you put in words the feelings that come from being a
> part of history?

Hi, Dave,

I think that all of those who have played their role in this share that feeling. That is why I decided to take the suggestion that, at least in the QRP community, I should let the secret out of the bag and tell every one what is going on (thanks, Paul!). I think that some who might have stayed away for a "secret" showed up for W1FB. I think that we have all been given a piece of the magic and can use it to build ourselves and to build each other, within ham radio.

> When Doug passed away, so did one of the few dreams I
> had in Amateur Radio....to work Him.

Doug may be gone, in body, but this little Tuna Tin 2 and all it represents seems to be something that lives on, in a very real sense. The old cliché term "here in spirit" now has a very personal meaning to me, as I see firsthand, just what that really means.

> I know Ed was the op. But I just couldn't help
> sending 'TU DOUG'. Ed, I logged you as the operator
> but under 'Name', I just had to put in 'Doug'.

I remember that "TU Doug," plus a few others, and I took it as a tribute to DeMaw, as I am sure most intended.

73,
Ed Hare, W1RFI

-----Original Message-----

From: David M Kopacki [mailto:kf2ew@juno.com]

Sent: Sunday, February 27, 2000 8:28 AM

To: Low Power Amateur Radio Discussion

Subject: Dreams come true in QRP

I'm sitting here but don't know what to say...how do you put in words the feelings that come from being a part of history?

When Doug passed away, so did one of the few dreams I had in Amateur Radio....to work Him.

I know Ed was the op. But I just couldn't help sending 'TU DOUG'. Ed, I logged you as the operator but under 'Name', I just had to put in 'Doug'.

To Mrs. DeMaw, Dave, and all the good folks up in CT, thanks. I know this might be hard to believe, but I sit here fighting back the tears.

Doug DeMaw. Thanks, man. Maybe one day you and I can sit down together and.....well, that's another dream...for another day.

Thank you all from the bottom of my heart,
Mike, KF2EW

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 28 Feb 2000 20:18:29 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'aa5tb@swbell.net'" <aa5tb@swbell.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [64492] RE: W1FB on 14.0605
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1DE@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> I got to work Ed this morning with my 3' diameter loop
> 3' off of the ground this morning. He had a good
> signal into Texas too!

Wow! 559X2. Is that loop an original design? If so, how about an article?
:-)

73,
Ed Hare, W1RFI
-----Original Message-----
From: Steve Yates, AA5TB [mailto:aa5tb@swbell.net]
Sent: Monday, February 28, 2000 1:16 AM
To: Low Power Amateur Radio Discussion
Subject: Re: W1FB on 14.0605

I got to work Ed this morning with my 3' diameter loop 3' off of the ground this morning. He had a good signal into Texas too!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs

http://home.swbell.net/aa5tb

Date: Mon, 28 Feb 2000 20:03:23 EST
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [64493] 11 meter QRP - a simple solution !
Message-ID: <20000228.201258.4567.3.kc8aon@juno.com>

STICK TO THE HAM BANDS AND DON'T WORRY ABOUT IT !

CB = CRAZY BAND or CORNY BOZO's "and this is
being kind''

My question is "WHY" ?

Transcript of a CB qso I heard the other night - & (\$^!\$_
^&\$#@! (*\$%# (\$#@&^ %&(*\$ \$%*\$ \$%^& &^%* @!*
10-4rogerIheardthat ^%\$(* @#^*& #@%^ SNORT #@\$* \$#@&^% #>?(*&%
><:"+|@ sniff cry whine (*^\$%^ dingleberry !!!!! Ketch ya later
goodbuddy - I'm gone.....
10-4 rodger D over & out ECHO ECHO ECHO ECHO

Definitions of QRP,QRO & QRT while on 11 meters:

QRP = Turn off the 2KW amp and run only the 100 watt
modified ham rig

QRO = Turn on the 2KW amp, turn up the echo mike and
scream louder into it.

QRT = Throw a carrier or play music til you blow out your
finals or someone shoots your antenna down

GET THE POINT ?

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 28 Feb 2000 18:33:03 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: wphinizy@filenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64494] Re: Way-y-y-y-y OT: Comm Specs
Message-ID: <38BB21CF.F15D0952@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There's an ad in the current (March) QST on page 151. Guess they're still around.

Try <http://www.com-spec.com>

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Tue, 29 Feb 2000 12:36:42 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64495] Re: W1FB on 14.0605
Message-ID: <38BB22A9.F8D5678@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Hare, Ed, W1RFI" wrote:

> So THAT explains the sudden pileups I kept getting.

Ed what you are doing is a fine thing. I was fortunate enough to speak personally to Doug in the late 1970's and his generous personal assistance paved the way for me in a number of places, notably J.W. Miller.

I was ever so grateful to Doug and can still vividly recall his booming salutation "and good fortune to you Ian"

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Mon, 28 Feb 2000 20:42:58 -0500
From: bob evinger <revinger@comwares.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64496] Re: Wireless phone monitor
Message-ID: <38BB2422.6D76D9A2@comwares.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am pretty sure it was a QST article. But don't remember the issue. I'd say your time frame is probably not too far off though. I think the article covered setting it up to transmit as well.

bob

Mike Yetsko wrote:

>
> I recall seeing an article somewhere on using a wireless phone
> as a remote mic (/control) for a base set. I think it was over 3 or
> 4 years ago, probably closer to 6 or 7.
>
> Mike
>
> > I'm sitting here in the living room with my xyl...she's watching TV,
> I'm
> > writing this note on my laptop
> > and listeming to Ed Hare operate W1FB on my wireless fone....neat and
> handy.
> > I got this GE 900Mhz
> > wireless phone recently and wondered why I couldn't just unplug the
> phone
> > line from the base unit and
> > feed audio from my receiver into it and then be able to wander around
> and
> > head copy cw. Just wired

> > a suitable phone plug to the end of a phone cord attached to the green
> and
> > red wires...plugged into
> > my receiver phone jack and the phone base unit and voila, found I can
> walk a
> > block away and still
> > copy fb. Of course I'm using a headset with the phone. You don't want
> to do
> > this of course if it's
> > your only phone
> > Floyd NQ7X Phoenix,AZ ScQRPion
> >
> >
> >

--

Bob Evinger WD9EKA Marshall, Illinois

Date: Mon, 28 Feb 2000 18:49:28 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [64497] Re: QRP 1750M...Oops, that is not part 97...Yet.
Message-ID: <38BB25A8.8AF44E9C@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would hope that the FCC sees fit to discontinue any efforts to bring the 160-190 Khz part 15 range into the amateur radio community. A lot of people, licensed amateurs and not, do a lot of experimenting there and most if not all of that will go away. With the one group that is currently experimenting in the 136 Khz range, (which is the European 1f band) efforts by the FCC and ARRL should continue in that direction, and leave the "1750 meter band" as is, for part 15 users and experimenters. In addition, what will happen to the power companies that are still using the carrier systems down the line, for control, voice contact, etc when a kw amateur transmitter fires up on one of their frequencies. Massive power failures? Just a thought.

73

Ray

"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com El Paso,(FAR WEST) TEXAS

Date: Mon, 28 Feb 2000 20:54:30 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64498] re. Magnetic Loops
Message-ID: <3.0.32.20000228205421.00721560@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Gang,
I'm surprised that no one has mentioned Ted Hart. W5QJR's excellent article in June 1986 QST. I built a 3 foot dia and an 8 foot dia based on his findings and performance was outstanding in both cases. The big loop tunes 20 through 80 meters, the small loop does 20 thru 10. A gamma match provides 1:1 swr on both loops.

Another loop was reviewed in QST May 94 by some guy named Ed KA1CAV....HI!!!! :-)
73 Pete
NV4V

Date: Mon, 28 Feb 2000 18:56:48 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [64499] [RCVR] RS DSP and Any Receiver
Message-ID: <200002290156.TAA07655@ogopogo.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

All - I thought the post on using the Radio Shack DSP with the HW-7 was good. In fact the Radio Shack DSP, while not the equal of other DSP units, is a good buy at typical Ham Fest prices of \$20 to \$25. The audio quality of the amplifier and internal speaker are good, and when used with an external speaker the audio is quite good.

The DSP is very good when used with rigs that do not have built in filters or provisions for adding them. I use mine with my HTX-100 and 2M multimode rig. It also is good for mobile use as it provides lots of audio. If you have a rig that you cannot add an IF filter to then the RD DSP is a good way to add selectivity. It is also a good multipurpose

amplifier/speaker for bench use.

The RS DSP does not have an adaptive noise algorithm like the full blown DSP units from Timewave and NIR. However it does have automatic heterodyne reduction on SSB and the CW filters are very sharp with little ringing.

It does have some down sides. The unit draws 1 Amp at full volume which can be pretty excessive for battery operation in a portable situation. The CW filters are centered at 700 Hz, but I like to listen to CW at a lower frequency, say 550 Hz, and the narrow CW positions cut this frequency out entirely. The CW filter also imparts a slightly raspy quality to the note which bothers me, but only after I compared the quality of the note to a good analog filter.

On the subject of analog filters, the DaTong filters and Autek filters are also good add ons for a rig without provision for internal filtering. The center frequency and width can be separately varied on these filters, but they have limited audio amplification capability.

None the less, I think the RS DSPs are good buys at the going price of \$20 to \$25 at ham swaps. You just need to realize that you are not getting a full blown DSP.

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 28 Feb 2000 19:19:52 -0600 (CST)
From: Rohn <rohn@pubrats.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64500] Convert MFJ-949E to QRP(p)?
Message-ID: <Pine.LNX.3.96.1000228191033.5921A-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was wondering if anyone has successfully converted the metering in this tuner to QRP and QRPP levels, and if so what might the procedure have been?

I was able to acquire this piece after the low power setting was mistakenly sent about 100 watts... I'd like to be able to have the repaired readings at least lowered by a factor of 10 (factory 30/300 watts down to 3/30?) or better yet maybe 1.5/15? It at least still tunes well enough as is, even in the low setting (with another SWR meter in line), so I'm thinking it's prolly just the metering that got smoked.

I'm not sure what I'm in for, and it very well might not be feasible, but thanks anyway for the chance to ask!

72/73!

Rohn, N0RTX

Date: Mon, 28 Feb 2000 20:06:27 -0600
From: "Dan Reynolds" <bcdlr13@home.com>
To: "qrp-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [64501] Tektronix Scope Schematic
Message-ID: <007d01bf8259\$96810000\$d14cfea9@decatur1.il.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody have a schematic for a Tektronix 310A scope. This is an old guy. Please respond off the list.

Dan Reynolds - KB9JL0
bcdlr13@home.com

Date: Mon, 28 Feb 2000 18:15:36 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [64502] Milliwatt DXCC - almost half way there
Message-ID: <20000229021536.2703.qmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Got a new QSL card today. This one from FM5BH in Martinique, French West Indies. I worked him back in november 1999 with a whopping 800mW.

It still counts as a mW contact, so he's DXCC # 49 !

Only one more to hit the 1/2 way mark to 100. And only 51 more to hit the top, hee hee.

The list of all my contacts, power, band etc is all on

my website. The address is below.

Dont forget to have a look around & check out all the other stuff. Milliwatt miles per watt records, 12M tree quad, N7KSB 1/2w XMTR, Slate Gap island expedition, etc.

72 - 71's de Jim KJ5TF
"All milliwatts, All the time"

=====

<http://www.qsl.net/kj5tf/>
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Mon, 28 Feb 2000 20:26:24 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: bill@pcatexas.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64503] Re: simplest possible antenna?
Message-ID: <[012d01bf825c\\$60976580\\$ae28bcd0@aa5tb](mailto:012d01bf825c60976580ae28bcd0@aa5tb)>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Bill,

I agree with Rod. In my opinion a resonant dipole (straight, inverted-vee, sideways-S, or whatever) fed by coax is by far the simplest single band antenna that is guaranteed to work. Generally the higher the better, but if you have string it between fence post then so be it.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 28 Feb 2000 21:33:25 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [64504] SPRAT CD Question
Message-ID: <97.2688cb5.25ec89f5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi,

I've seen some posts recently that others have received the SPRAT CD. I placed an order for one some time ago and my credit card was charged but I never received the CD. Who can I check with about this ??

Thanks,

73, Al N2ZHS

Date: Mon, 28 Feb 2000 21:45:35 EST
From: FrConrad@aol.com
To: obvious@bestweb.net, QRp-L@lehigh.edu
Subject: [64505] Re: 11 meter QRP
Message-ID: <9f.25737e2.25ec8ccf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/28/00 2:50:38 PM Pacific Standard Time, obvious@bestweb.net writes:

<< OH where is the List-god when you need him? >>

I'll take that to be a rhetorical question.

John+
WB6MFS

Date: Mon, 28 Feb 2000 21:07:24 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [64506] RE: NorCal Tuna Tin 2 on Front Cover!
Message-ID: <01BF822F.D03262A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I can *clearly* read NORCAL on the cover.

The article has five different sidebars on aspects of the TT-2. The one on page 38 mentions NORCAL.

There's a lot going on with this Tuna-Tin deal. It would have been nice to have some mention of "our" Doug, but the article was more focused on the W1FB Doug and the operating events involving W1RFI and the original TT-2.

I don't see the problem.

72,

Nick, WA5BDU
NORCAL member in the Arkansas section of Northern California

-----Original Message-----

From: Dave Fifield [SMTP:fifield@pacbell.net]
Sent: Sunday, February 27, 2000 6:31 PM
To: Low Power Amateur Radio Discussion
Subject: NorCal Tuna Tin 2 on Front Cover!

Did anyone else notice that the TT2 on the front cover of QST this month is one of Doug's boards that he made (with permission) for the NorCal QRP Club? You can just about make out the writing on the board....no mention of NorCal and the way Doug led the revival of the TT2 inside though....hmmm?

72, Dave Fifield, AD6A

Date: Mon, 28 Feb 2000 22:13:14 EST
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [64507] what's QRP for PSK?
Message-ID: <10.10ca493.25ec934a@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Made my first PSK31 contact tonight! It was excellent.

Anywho, what is considered QRP for this mode? Is it 5W, 10W or what? I assume that because this is USB, 10W is the accepted rule. But, what the heck do I know?

Just for the record, I was at 8 W from the K2 to a dipole that runs under the eaves of my house. The contact was in LETHBRIDGE AB Canada. I didn't get his power level but he repeated my 8W back to me before the band (20 meters) went down. This was at 0250 UTC.

Cheers,
Gerry Elam, K1LR0/7
PHX AZ

Date: Mon, 28 Feb 2000 21:10:50 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <aa5tb@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64508] Re: MAGNETIC LOOP PAGE!
Message-ID: <06d801bf8262\$d2fc01c0\$0200000a@aplitech>

The Minnesota QRP Society is pleased to host "ON4CEQ's Magnetic Loop" Page. Go to the MNQRP main page click on "Projects, Hints and Kinks". Follow the link and please read the introduction page.

Thanks and 73 de Cla KA0GKC

Date: Mon, 28 Feb 2000 21:17:26 -0600
From: "Ed" <ac5dc@ipa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64509] Re: Wireless phone monitor
Message-ID: <200002290317.VAA21370@postoffice5.ipa.net>

The wireless phone monitor was in QST March 1988. It was set up with a vox circuit to key a transmitter as well as monitor the radio.

Ed, AC5DC
Greenwood, AR

Date: Mon, 28 Feb 2000 22:19:12 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [64510] test don't read
Message-ID: <3a.1e5e82e.25ec94b0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

TEST TEST
De N10DL/qrp

Date: Mon, 28 Feb 2000 19:34:01 -0600
From: k5zty@juno.com
To: qrp-l@lehigh.edu
Subject: [64511] Noise Level
Message-ID: <20000228.212226.-5331.1.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

There were 35 messages in my mail tonight about using 11 meters.
No wonder Chuck quit the list.
All of you guys that jumped on Chuck for trying to limit the noise are
going to have a hard time rationalizing this.
Dave Fifield asked "Why" to Chuck moderating his QRP-TECH list. Any
questions now??

Bill, K5ZTY
Houston, TX

Date: Mon, 28 Feb 2000 18:51:41 -0600
From: k5zty@juno.com
To: qrp-l@lehigh.edu
Subject: [64512] re: Ham Calc
Message-ID: <20000228.212226.-5331.0.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Guys,

Remember that this program supports VE3ERPs Ham Radio For The Blind program. If you use it please send George the \$5.00 to register it. Instructions are in the program.

Bill, K5ZTY
Houston, TX

Date: Mon, 28 Feb 2000 22:20:40 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [64513] WTB:Rainbow Tuner/enclosure kit
Message-ID: <07e601bf8264\$0345a6a0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If anyone has one, I'm still looking to buy a Rainbow Tuner and enclosure.
Got one you want to sell?

Michael - N4NMR

Date: Mon, 28 Feb 2000 22:22:56 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Phinizy, William" <wphinizy@filenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64514] Don't ignore W8KC!!! Re: Way-y-y-y-y OT: Comm Specs
Message-ID: <Pine.OSF.4.21.0002282217100.31819-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Feb 2000, Phinizy, William wrote:

> ..does anyone know what became of the company, Communications Specialists,
> who used to make the tone encoder boards?

Fer cryin' out loud... doesn't anyone pay attention to my posts? I said
this yesterday, now write it down someplace so you don't forget...

www.google.com

Typed "communication specialists" in the search window and POOF!

www.com-spec.com was the fourth "hit"

Home Page Communications Specialists Inc.
...(800)854-0547 Fax (800)850-0547 Communications Specialists Inc....
...Copyright 1997-98 Communications Specialists, Inc....
www.com-spec.com/ - Cached - 2k - GoogleScout

Ok... you all got that? Bookmark www.google.com

It's also in QST, page 151...

sheeze... what I go through 'cause I love youse guys...

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 28 Feb 2000 22:21:26 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [64515] WTB:KnightSmite Kit
Message-ID: <07e701bf8264\$234aac20\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If anyone has one, I'm still looking to buy a KnightSmite kit. Got one you want to sell?

Michael - N4NMR

Date: Mon, 28 Feb 2000 21:32:25 -0600
From: "Michael Young" <mikey@mcs.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64516] Re: Use 11 metres legally for QRP (USA only)

Message-ID: <008601bf8265\$9933a670\$7004a2c6@fensoft.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is this true? I think I latched onto one explanation that, so long as my equipment is in compliance, it is not my problem. Legally, at any rate, if not morally.

Michael.
K9ZC

----- Original Message -----

From: Kevin Muenzler, WB5RUE <wb5rue@stic.net>
> If I interfere with my
> neighbor's TV then I am in violation with both Part 97 and Part 15, not
one
> or the other but both.

Date: Mon, 28 Feb 2000 22:33:33 EST
From: Rod Johnson <ka7you@juno.com>
To: QRP-L@LeHigh.EDU
Subject: [64517] Magnifying Desk Lamps
Message-ID: <20000228.194731.4399.3.ka7you@juno.com>

For those of you looking for an inexpensive magnifying lamp...

I just received a new catalog from Damark. (www.damark.com)
They have a desk lamp on an articulated arm, with an 8" round circline
fluorescent lamp and the 5" magnifying lens for \$27. I bought one from
them a couple of years ago, and it has been a very good lamp. They come
in white (#B-20831-569943) or black(#B-20831-569929).

I'm going to buy two more at that price.

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 SOC#184 and
others

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 24 Feb 2000 16:59:47 -0600
From: KQ5U <tmyers@academicplanet.com>
To: qrp-1@lehigh.edu
Subject: [64518] Fox Switch!
Message-ID: <38B5B7E3.2555C4D6@academicplanet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is another change in the Fox Schedule.

I hope this gets to the list. KQ5U and N0UR have switched dates.

>>>
> 03/01 0100 NQ9RP CHEESE WI
> 03/03 0000 KQ5U TERRY TX<<Now N0UR
> 03/08 0200 N5IB JIM LA
> 03/10 0000 N0UR JIM MN<<Now KQ5U
> 03/15 0200 WD4ET JEFF FL
> 03/17 0200 KU7Y MONTE NV <<<NOTE<<<
> 03/22 0200 AB7CE ROY MT

Good luck on getting a pelt.

Date: Mon, 28 Feb 2000 20:07:54 -0700
From: Donald I Roher <donroher@juno.com>
To: obvious@bestweb.net
Cc: qrp-1@Lehigh.EDU
Subject: [64519] Re: 11 meter QRP
Message-ID: <20000228.204008.10358.2.DONROHER@juno.com>

So far yours was the only 11 meter message I deleted.....

Maybe it's time we took 11 meters back, and yes there is a lot of LEGAL
lower operations, within their assigned bands.

I used to operate in the 6 meter portion with Army surplus equipment and
later
in the 160 meter band. 160 meters was a real test. And yes I had a Ham
ticket

at that time.....

On Mon, 28 Feb 2000 17:40:07 -0500 "Richard Brummer, K2JQ"

<obvious@bestweb.net> writes:

>I guess it's time for the "11 meter" filter !

>

>73,

>Dick K2JQ

>Enjoying AMATEUR RADIO for over 35 years

>

>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 28 Feb 2000 20:39:58 -0700

From: Donald I Roher <donroher@juno.com>

To: dandoooley@pipeline.com, qrp-1@Lehigh.EDU

Subject: [64520] Re: 11 meter QRP

Message-ID: <20000228.204008.10358.5.DONROHER@juno.com>

Don't get your shorts in a knot but there are many Hams who use CB to talk with non Ham neighbors in the back country of Alaska..... And we are not criminals...

NL7QT

On Mon, 28 Feb 2000 18:26:05 -0600 "Dan W. Dooley"

<dandoooley@pipeline.com> writes:

>I think this issue has been answered and beat to death. There is

>absolutely

>*NO* reason in the world - and I'll argue that with anyone, for any

>licensed

>ham operator for any reason, to go anywhere near the 11 meter band.

>No more

>than I as a law abiding and socially responsible and I hope - a

>proponent of

>decency - software developer will go anywhere near a hackers

>gathering.

>There is a criminal element in most every aspect of society. The

>computer

>world has its criminal element. The radio world has its criminal

>element.

>Like elements associate together. They think alike and talk alike.
>They
>would love nothing better than for the FCC to relax the rules, or
>better
>yet, eliminate all restrictions to them entering the bands you and I
>operate
>legally.
>
>If a criminal reforms himself and wants to work and operate in the
>civilized
>world he can and will and should. But he must leave his old ways
>behind.
>There is no reason for me to join his world.
>
>Friends, if you don't think that is where the criminal element hangs
>out,
>spend some time there and listen. And don't tell me that you know
>some
>really nice guys who just happen to be hang out in that world. There
>are
>some really "nice guys" in the state pen. too.
>
>Get those radios tuned above 28 MHz and onto CW, AM or whatever, and
>appreciate the work and pride your earned license should reflect!
>Let's get
>off this talk of "restrictions" narrow application, etc. A civilized
>society has to have some sense of order and right and wrong if it
>intends
>not to fall into total chaos. Even animal societies know and follow
>that.
>
>I will say no more on this subject.
>
>Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandoooley@pipeline.com
>May Goddes love blest ye alle
>SOC#198
>"Ancient Pistol, I do partly understand your meaning."
>
>
>-----Original Message-----
>From: James Johnson <kc5j pz@eudoramail.com>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Date: Monday, February 28, 2000 2:28 PM
>Subject: 11 meter QRP
>
>
>>

>>--
>>
>>On Mon, 28 Feb 2000 08:08:11 Dan W. Dooley wrote:
>>>I recently repaired an old CB handheld (QRP power if you will) for
>my
>>>father-in-law. Bad on-off switch. It had two xtals in it. I
>listened to
>>>one briefly one evening. Some stuff some savage was playing on it
>wouldn't
>>>be allowed on the most "open" X-rated cable channel. No intelligent
>>>conversations at all. Talk about a wasteland. Not fit for human
>>>consumption.
>>>
>>>Nope. Move the QRP rigs off of 11 and onto 10 or somewhere....
>>>
>>>
>>>Dan W. Dooley WB5TKA Bedford, Texas EM12ku
>>> e-mail to: dandoooley@pipeline.com
>>
>>Hello neighbor:
>> More QRP on 11 meters would help to drown out the garbage.
>>James Johnson
>>Arlington, Texas
>>kc5j pz@eudoramail.com
>>
>>
>>
>>Join 18 million Eudora users by signing up for a free Eudora Web-Mail
>account at <http://www.eudoramail.com>
>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 28 Feb 2000 20:48:33 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [64521] Re: 11 meter QRP
Message-ID: <200002290347.UAA13246@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks, this discussion is being driven by someone who, unless recently upgraded, doesn't have any HF privileges on the Amateur bands anyway.

Filters on.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Mon, 28 Feb 2000 20:57:55 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [64522] Kudo's for Ed Hare
Message-ID: <Pine.SUN.4.10.10002282048510.18139-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I just want to make a short public declaration of how much I appreciate all the efforts ARRL staffer Ed Hare has contributed to QRP lately. And I'm sure those feelings are shared by many. Between his many QRP operating exploits from TT2's, Black Cats and W1FB's to his most recent article in QST, he has given QRPers plenty of opportunities to work some all-time classics, AND is presenting the fun of QRPing in very good light to the HUGE general audience of QST readers.

Now I know Ed will probably deny his part in this ... but I can't help but notice the very favorable stance the ARRL seems to be developing towards QRPers lately, and can't help but think Ed plays a large role in this. Even if not directly at the ARRL headquarters, his undying enthusiasm and energy is certainly rubbing off in a most contagious way.

Great job on all your efforts and activities, Ed. They are truly appreciated by all.

72, Paul NA5N

Date: Mon, 28 Feb 2000 22:06:47 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [64523] Re: MAGNETIC LOOP PAGE!
Message-ID: <001601bf826a\$6885b2c0\$0200000a@aplitech>

Man I'm not having a good evening. I forgot to add on address with the URL to the Minnesota QRP Page. Remember click on "Projects, Hints and Kicks"

73 de KA0GKC Claton Cadmus
ka0gkc@arrl.net
MNQRP #1
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Mon, 28 Feb 2000 20:12:11 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <ka0gkc@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64524] Re: MAGNETIC LOOP PAGE!
Message-ID: <003b01bf826b\$689e9c80\$3410480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cla ... you'll find this hard to believe, but some of us don't have the faintest idea what the url for the Minnesota QRP Page might be, and since you omitted it from your message, many of us might not be able to visit and view!

72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Mon, 28 Feb 2000 23:29:59 EST
From: KB0R@aol.com
To: alan.kaul@worldnet.att.net, qrp-1@lehigh.edu, ka0gkc@arrl.net

Subject: [64525] Re: MAGNETIC LOOP PAGE!
Message-ID: <42.236eee2.25eca547@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Minnesota QRP Society page is:
<http://www.qsl.net/mnqrp/>

Date: Mon, 28 Feb 2000 23:25:38 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64526] Re: 11 meter QRP
Message-ID: <005e01bf826f\$68e545a0\$d086fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

First off, I really don't care who drives the message for whatever reason and what their call is. I don't think that matters. But even so, that individual DID state quite plainly early on that he DID NOT have ANY HF privlidges and was looking at this as a way to play and practice. So whats the big deal?

As to this being appropriate for HAM radio discussion, I think in a 'regualatory sense' it is, but in a practical sense no. But I don't want to be a topic cop on this.

As to CB being worthless and it's place in society, all the badmouthing in the world won't change the fact that there are spots on 20M and 80M that are worse than most of the CB band. Like it or not, we have idiots in the HAM ranks as well. To state categorically that there is no business for any HAM to be on CB, well, I just suspect that the person who spoke meant for the purposes of the way this thread was presented, and in that regard I agree. IF we rule out those same HAMS that hang on certain spots of 80 and 20 to cause trouble. I mean, there may be HAMS (no one on THIS list I'm sure!) who would go on the CB just to taunt, right?

If that person meant totally in general, well, he'd better open his eyes. I wouldn't want to accuse anyone of any 'elitism'...

Mike

Date: Mon, 28 Feb 2000 23:45:04 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64527] QRP in Vietnam
Message-ID: <013801bf826f\$c32006e0\$f63cc898@scott.buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be in Vietnam starting the end of next week for 2 weeks. I hope to be active on 40, 20 and 15 meters with the call 3W2SO near the qrp frequencies.

Scott

AC3A

Date: Mon, 28 Feb 2000 23:43:51 -0500
From: "Ron McConnell" <rcmcc@lucent.com>
To: <qrp-1@lehigh.edu>
Cc: <w2iol@arrl.net>
Subject: [64528] Re: Hamcalc
Message-ID: <000b01bf8270\$06ba8ba0\$3b29ff87@nj7460rcmcc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Murph doesn't have a HAMCALC web site.
Several of us have tried to persuade him on that,
but he has his reasons.

He just issued 4.2 a couple of weeks ago,
so 1.9 and 2.1 are rather old versions.
The only way to get an up-to-date copy is
to send \$5 US to cover a floppy disk and postage to

George Murphy, VE3ERP
77 McKenzie Street
Orillia, Ontario L3V 6A6

Canada

You can contact him at

ve3erp@encode.com

HAMCALC is well worth the \$5!

73

Ron McConnell, w2iol@arrl.net

QRP 4408

Date: Mon, 28 Feb 2000 23:58:20 -0500
From: "The Weinsteins" <weinsteins@home.com>
To: <w5usj@GLOBECO.NET>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64529] Re: HamCalc
Message-ID: <00e801bf8271\$99bbcb0c0\$ba3b2a18@ym1.on.wave.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

May I suggest that you contact George directly. This ensures that you get the latest authentic version. Your US\$5 gets you HAMCALC plus over 200 other MS-DOS or Windows programs (\$6 if you also want a GWBASIC.EXE diskette). (Part of the proceeds go to charity.)

His snail-mail address is:

George Murphy, VE3ERP
77 McKenzie Street
Orillia, ON
CANADA L3V 6A6

or

mailto:ve3erp@encode.com

Al Weinstein, VE3HVV
(Usual disclaimer applies)

----- Original Message -----

From: "Chuck Carpenter" <w5usj@GLOBECO.NET>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, February 28, 2000 7:28 AM
Subject: Re: HamCalc

> Dan and group,
>
> >Is there a home page for HamCalc, or anyplace to get the latest,
> >greatest version?
>
> Here's one place where you can download ver 19 from VE3ERP...
>
> <http://www.qsl.net/wz1v/>
>
> Watch out for rip-off imitations.
>
>
>
>
> Chuck Carpenter, Point, Rains County, Texas -- RARA #003
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Mon, 28 Feb 2000 22:02:04 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [64530] NC20/40 T7 - 18/(3 or 4 turns)?
Message-ID: <009801bf8272\$1f85ac80\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Need someone to confirmation the # of turns on T7 in the NC20 (40meter version) AKA RH40.

The RH40 manual says in the text on page 17 - ref. T7 "...for the 3 turn link." And on the schematic it says T7 - 18t:4t ??? which is it 3 or 4 turns?

I've got 25 Vp-p at Q16's collector on the up stream side of T7. But only 2.8Vp-p (should be ~20Vp-p) at the emitter of Q18(the PA) the otherside of T7So I'm guessing something is screwy with T7 which currently has 18t:4t.

TIA Steve/n0tu

Date: Mon, 28 Feb 2000 20:46:02 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [64531] 11 Meter Crap!
Message-ID: <3.0.5.32.20000228204602.00925cb0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

>>>>

<excerpt>I can understand your frustration on this subject . Please bear with us and

just use your delete key. Rules and Regulations are as much a part of ham

</excerpt><<<<<<<

To heck with the delete key ... I'm gonna put it on Suspend until this blows over! On second thought, I just may put it Suspend indefinitely!

Date: Mon, 28 Feb 2000 22:55:08 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [64532] FYBO Log reminder
Message-ID: <38BB5F3C.F89EFF91@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a reminder that the deadline for FYBO logs is March 5, 2000. If you haven't sent yours in, you can do it via e-mail to:

n7kt@worldnet.att.net

or snail mail to:

Roger Hightower, N7KT
1265 W. Kiowa Circle
Mesa, AZ 85202

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Tue, 29 Feb 2000 00:52:17 EST
From: GElam30092@aol.com
To: w1rfi@arrl.org, qrp-1@lehigh.edu
Subject: [64533] Re: Is W1FB an Alligator ???
Message-ID: <d6.179a65b.25ecb891@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/28/2000 2:22:42 PM US Mountain Standard Time,
w1rfi@arrl.org writes:

<< A 3-element monobander at 120 feet pointed right at you when the band is
open makes for a BIG signal! >>

That comments reminds me of a funny cartoon I ran across at the bottom of the
following link. I'm guessing that it might have been published already
but...

[http://www.onramp.tuscaloosa.al.us/~rkbruce/waars_radio/who/newslet/cur/page2.
html](http://www.onramp.tuscaloosa.al.us/~rkbruce/waars_radio/who/newslet/cur/page2.html)

That cartoon also reminds me of some land I want to purchase when I retire
that is about 30 miles from Tuscaloosa AL. It's an old weather station site
complete with tower & radar dome and two old buildings, one of which houses
an old diesel generator. Yoohoo!

Best wishes,
Gerry Elam
PHX AZ

Date: Mon, 28 Feb 2000 22:56:12 -0700
From: "Dick Schneider" <dschneider2@uswest.net>

To: <solitsky@acsu.buffalo.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64534] Re: QRP in Vietnam
Message-ID: <009701bf8279\$af4bd720\$a170e1cf@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Scott:

Any chance of more specific dates and times?

72 Dick AB0CD..

----- Original Message -----

From: Scott E. Olitsky <solitsky@acsu.buffalo.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, February 28, 2000 9:45 PM
Subject: QRP in Vietnam

> I will be in Vietnam starting the end of next week for 2 weeks. I hope to
> be active on 40, 20 and 15 meters with the call 3W2SO near the qrp
> frequencies.
>
> Scott
>
> AC3A
>
>

Date: Mon, 28 Feb 2000 22:59:48 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: rohn@pubrats.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64535] Re: Convert MFJ-949E to QRP(p)?
Message-ID: <38BB5244.2A7E@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rohn:

Just replaced the two IN34 diodes in my MFJ949E, and everything is back to normal. I presume the same fate with mine. The 0-30 scale is now set

to the WM-2, and still does a reasonable job on accuracy. But no I haven't converted it per-say, but shouldn't be hard to, I would think the variable pots would need replacing to pad the meters?

72...Earl(VE6EWM)

Rohn wrote:

>
> I was wondering if anyone has successfully converted the metering in this
> tuner to QRP and QRPp levels, and if so what might the procedure have
> been?
>
> I was able to acquire this piece after the low power setting was
> mistakenly sent about 100 watts... I'd like to be able to have the
> repaired readings at least lowered by a factor of 10 (factory 30/300 watts
> down to 3/30?) or better yet maybe 1.5/15? It at least still tunes well
> enough as is, even in the low setting (with another SWR meter in line), so
> I'm thinking it's prolly just the metering that got smoked.
>
> I'm not sure what I'm in for, and it very well might not be feasible, but
> thanks anyway for the chance to ask!
>
> 72/73!
> Rohn, NORTX

Date: Mon, 28 Feb 2000 23:03:26 -0700
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [64536] WTB: HW-7
Message-ID: <00a101bf827a\$b18a11e0\$a170e1cf@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Want To Buy: HW-7

72 Dick AB0CD..

Date: Tue, 29 Feb 2000 00:42:37 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: edkess@epix.net
Cc: qrp-1@lehigh.edu
Subject: [64537] Sierra Module Storage
Message-ID: <200002290642.AAA18546@sunburst.usd.edu>

Hi Ed and gang:

Go to a fabric/sewing store and get some "sticky back" velcro pads. These are 3/4-inch square and are self-adhesive. You can take it from there! If you have the KC-2 in your Sierra, that takes up some space, but you ought to be able to get in 3 plus one mounted.

72, Ade

Date: Tue, 29 Feb 2000 02:06:28 EST
From: AdamN7YA@aol.com
To: qrp-1@lehigh.edu
Cc: secondclassopsclub@egroups.com
Subject: [64538] OT: Help me ID this rig please!
Message-ID: <7e.1b20706.25ecc9f4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all, i have sitting next to me a TRUE Boat Anchor...its a rig from an old USCG cutter from the 40's or 50's (or navy ship, not sure).

First off, its Painted drab gray, beat to hell....and the rig is a National HRO-7 with a matching speaker....can anyone give me a rundown on this rig, any former users? the cables are all wrapped in fabric and the power cord is a stubby, 4-prong deal...the tuner unlatches and slides right out...huge knob too!

Overall, its an ugly beast! but i can just imagine who was at the controls of this thing during wartime....any info would be appreciated. Thanks!

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Mon, 28 Feb 2000 23:09:08 PST
From: "Luke Enriquez" <vk3em@hotmail.com>

To: tscott@eni.net, qrp-1@Lehigh.EDU
Subject: [64539] RE: Fine pitch SMT techniques...How to fine pitch IC's
Message-ID: <20000229070908.21047.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Tom (and others)

>So let's follow these two threads.
>1. How to build a low-cost re-flow oven that can efficiently, safely, >and
>uniformly generate the required heat.
>2. How to apply solder paste.
>3. Any other issues I've missed? Remember we're talking about those >parts
>that a soldering iron is simply not practical for.

Soldering very small pitch pins is really not a problem. You can do it without ovens and solder cream.

Here is how :

1.) Line up your IC and tack solder the corner pins. Dont worry if you short a few together, just make sure you don't bend the pins with your iron tip. Double check all the pins line up, on each side of the IC. This process can take up to 5 minutes on very large, fine pitch chips like an Altera flex (0.02" spaced pins).

2.) Add a liberal amount of flux to all sides (pins) of the IC.

3.) Add a large blob of solder at one end of one edge. This will short out lots of pins. Don't freak! Whilst holding the PCB on a slight angle, use your iron tip to melt the solder and gently move you iron tip down the side of the chip. The solder blob will follow the iron tip. The tip should never touch the pins. As the molten solder moves down the pins, the soldered pins should have a perfect fillet of solder (between the pin and the pad) and have no shorts. This is all due to the number one ingredient - FLUX! Its all in the surface tension!!

or

Add flux to all pins. Solder all pins, ignoring shorts. After all pins are soldered, use solder wick to wick up excess solder. You might have to add a bit more flux from time to time.

4.) Inspect work under magnification.

You see, no ovens, no special tools, no expensive hot air stations, all done on the cheap. I've used this procechure time and time again on \$500+ FPGAs and other DSP's. It really does work (despite your minds obvious objection

to intentionally shorting out pins).

Unfortunately, I never documented this in my guide to prototyping with SMT, but since there has been a bit of discussion, I might do so.

Regards,

Luke

VK3EM

Online guide to prototyping with SMT:

<http://www.geocities.com/vk3em/smtguide/smtguide.htm>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 28 Feb 2000 23:18:37 -0800

From: Ed Loranger <we6w@netzero.net>

To: Cla KA0GKC <ka0gkc@arrl.net>, Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>

Subject: [64540] MNQRP MagLoop page.

Message-ID: <38BB72CC.5CA21B4F@netzero.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

It seems the new Magloop page is up, featuring Tony Van Herck's work he is unable to support any longer. I will not be emailing any more '.zip' files since the page is in fine shape and loads up clearly. Here's the URL in case ya missed it.

http://www.qsl.net/mnqrp/Loop/Mag_Loops.htm

Thanks to Cla, the MNQRP Club, and the fine folks on the list that offered to exhibit the page as well. Looks like this magloop reference will live on for some time.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068

<http://www.qsl.net/we6w> Santa Rosa, CA

Need Help? Call Tobor, The 8th man!

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Date: Tue, 29 Feb 2000 07:29:24 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [64541] Stealth antenna support line
Message-ID: <38BB7554.EAE90303@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
I want to put up a discrete vertical hanging from a horizontal support line. I have tried mono filament fishing line for the support but when the sun shines in certain directions it is very visible. Any suggestions on what to use?

Another solution could be a black widow as a vertical but I would have to color it white or gray. Is there any way of painting the fiberglass so that the paint does not fall off when the pole flexes in the wind?

If I find a discrete solution I hope to be regularly QRV from 7700 feet above sea level, on La Palma Island, Canary Island group. (K2 #252)

72
Goran ea8yu

Date: Tue, 29 Feb 2000 02:47:25 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64542] Re: Kudo's for Ed Hare
Message-ID: <01be01bf8289\$38aaa0a0\$bc451b3f@win98>

"...Now I know Ed will probably deny his part in this ... but I can't help but notice the very favorable stance the ARRL seems to be developing towards QRPers lately..."

Do you think that maybe it's because QRP isn't a mode, it's a genuine way of life? I mean, ask a TRUE QRP'er about his operating technique and you'll never hear about his new amplifier. It's not like PSK, CW, SSB,

etc....because it encompasses all these modes.

I'm still real green, but I have come to appreciate many of the QRP community members, because you ARE above the norm. You choose to push the envelope, but in the other direction and it gives me a real kick to hear all this MPW talk. Don't stop.

72,
Erv

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie # - Worked All
El Paso #033/1999

Date: Tue, 29 Feb 2000 03:06:02 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64543] ATTN: Zombie Folk
Message-ID: <03c401bf828b\$d27f8220\$bc451b3f@win98>

Well, somehow I lost my Zombie badge. Hope I just misplaced it, but can someone in the know tell me what my Zombie # is? It would be most appreciated.

72,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie # - Worked All
El Paso #033/1999

Date: Tue, 29 Feb 2000 04:40:52 -0500

From: joe lerch <joelerch@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64544] Frequency counter help/advice
Message-ID: <00022904533504.00251@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

In the past couple weeks someone on this list recommended getting a cheap frequency counter for making qrp kit making and setting them up. I bumped into a cheap one, a Heath Schlumberger SM-105 that I got for \$20.50 from Ebay. According to the ad, and picture it works but has a couple of leds that don't work, but at least according to the picture it works well enough to be able to tell what the frequency is. The only real problem is " There is no manual and the cable/external generator is not included "

I didn't have time to ask before the auction was over, once I saw it could be bought for 20 bucks I thought I would take a chance on it. Do I need a special generator for this? OR do all I need is a cable that can connect from the frequency counter to the output of my qrp rig to see what the frequency is?

Any advice and or suggestions will be sincerely appreciated, just hope I don't get too many "wasted 20 bucks" replies <G>

thanks in advance

joe (KC3GV)

PS: still looking for all the things I need to get my inexpensive qrp station online :)

Date: Tue, 29 Feb 2000 11:13:41 +0100
From: Jacques Brenkman <pa3evz@casema.net>
To: qrp-1@Lehigh.EDU
Subject: [64545] Manuals Network Analyzer HP3577A
Message-ID: <3.0.5.32.20000229111341.00dbbc40@pop.casema.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hallo Guy's

I am looking voor the manuals of a network analyzer, the HP 3577A and the S-parameter test set HP35677A.

Costs for copying and shipping will be payed of course!!!

Please, who can help me?????

73, Jacques PA3EVZ

Date: Tue, 29 Feb 2000 07:01:29 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [64546] SLV question
Message-ID: <08a001bf82ac\$b6c7dac0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry if this is a silly question but I'm still learning.

I understand the original portability pf the SLV including Vern's upgrade was that the fishing poe was stuck in the ground and the radials where strung out from the base (I assume in various directions).

What happens to the effectiveness of the antenna if one were to put the antenna up on a short mast? For example put the SD-20 fishing rod attached on top of a 10' or 20' Radio Shack mast to get it higher into the air

AND attached the radials as per normal but kept them pointing fairly close to down. Sort of a teepee look but fairly closed up to not create a trip hazard?

Or am I just better off leaving itstuck in the ground so I can lay the radials out. (They are likely to get walked on but not likly to trip someone.)

Michael N4NMR

Date: Tue, 29 Feb 2000 07:26:57 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Dan Puckett <dpuckett@erinet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [64547] Re: HamCalc
Message-ID: <Pine.GS0.4.10.10002290720230.13422-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Un fortunately, Murph, VE3ERP, is not web connected. The latest version (41) can be obtained directly from him (\$5.00 to cover cost of disk and mailing) at
George Murphy, VE3ERP
77 McKenzie Street
Orillia ON L3V 6A6 Canada

Murph is planing on using CDRoms in the future, so you might specify if you need the 3.5 disk, altohugh the CDRom will let him include a copy of GW Basic again. The suite continues to grow and to be updated. Next edition will include calculators for single quad loops of almost anywire size on almost any ham frequency and a similar one for Moxon Rectangles from wire to tubing on all HF VHF bands. Other updates will also be included. Murph donates any excess of donations over actual costs to the Canadian Institute for the Blind Ham Program (I know he does, because I have receipts from them).

-73-

LB, W4RNL

On Mon, 28 Feb 2000, Dan Puckett wrote:

>Hi gang.
>
>Is there a home page for HamCalc, or anyplace to get the latest,
>greatest version?
>
>Before melting slobber we got some calculatin' to do.
>
>72,
>Dan Bash bits
>

Date: Tue, 29 Feb 2000 04:41:46 -0800 (PST)
From: Jim Durkin <jimdurkin@yahoo.com>
To: va3ldh@sympatico.ca, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64548] Re: NORCAL SMT kit... The Future is coming...
Message-ID: <20000229124146.28336.qmail@web301.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Laura Halliday <va3ldh@sympatico.ca> wrote:
> SMT with 1206?! Once you've worked with SMT you'll
> start to
> find 1206 parts big and clunky. I use 0805 most of
> the time.

Nice to hear from the people who have done SMT work.
It is inspiring to see that adapting to SMT is
possible.

> SMT is here and has been so for a long time. It's
> just ham
> radio's hangup about new technology that has held
> things back.
There have been a lot of comments about "no surface
mount parts" for different kits. I had always thought
that it meant that the same job could be done in an
easier way that didn't involve changing the way things
were done. Also seemed to imply that a lot of people
correctly thought that working with SMT was just too
hard. Live and learn<G>.
>
> Manufacturers care a great deal about the thermal
> specs of
> their parts and document them extensively, by the
> way. If
> they can survive industrial reflow soldering they
> are going
> to be hard to kill with a soldering iron (try it!).
>
Good to know they are rugged.

> I prefer to use a long fingernail to hold parts down
> while
> soldering. You only need one finger (as opposed for
> 2 for a
> toothpick) and you get immediate feedback (ouch!) if
> you're
> overdoing it with the heat.

This is a nice tip on technique. Have known a lot of

guitar players who grew fingernails for special tasks.
Have been told it was no problem on upkeep.

73

Jim kt4a

SOC # 44

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Tue, 29 Feb 2000 08:12:12 -0500 (EST)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

To: QRP-L List <qrp-l@lehigh.edu>

Subject: [64549] W1FB and W1RFI

Message-ID: <Pine.GSO.4.10.10002290801160.15398-100000@moe.cas.utk.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Sometimes folks of succeeding generations are made from the same good stuff, and Ed is certainly made of good stuff in keeping the memory of W1FB and his contributions to QRP alive.

I happened to arrive at ARRL HQ Monday AM as Ed was wheeling the special station back to the lab. To ensure a good outing, he had a large 2-shelf roll-around cart full of "stuff" (almost making the rig disappear). When asked about the large (auto-mechanics size) screwdriver on the cart, he said it had a special use--for people like me with too many jokes about his cart. He later made the generous mistake of presenting me with a special coffee cup (The Old Man--handsome addition to the shack now) and I proceeded to systematically empty all ARRL coffee pots in the course of the day's work. And after all that operating and sleeping bag time, Ed did a full day's work--actually, more than that with me around.

I regret that my travel up North (yes, there is still remnant snow on the ground in CT) coincided with Ed's operation--keeping me off the list--but the QRP pile-ups made Ed a happy man--at least for Monday. And the posts about the operation tell me that Ed made many a happy QRP operator.

Congratulations are in order for both ends of every QS0.

-73-

LB, W4RNL

Date: Tue, 29 Feb 2000 08:28:01 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64550] Re: re. Magnetic Loops
Message-ID: <Pine.GS0.4.10.10002290825150.15398-1000000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ted wrote a book on loop design and construction. Although rare now in paper, it is available from <http://www.antennex.com> as a downloadable book, although I do not have the cost at hand. It includes design calculations as well as construction techniques to keep the resistive losses down and ideas for making the capacitor as efficient as possible.

-73-

LB, W4RNL

On Mon, 28 Feb 2000, Pete Burbank wrote:

>Dear Gang,
>I'm surprised that no one has mentioned Ted Hart. W5QJR's
>excellent article in June 1986 QST. I built a 3 foot dia and an
>8 foot dia based on his findings and performance was outstanding
>in both cases. The big loop tunes 20 through 80 meters, the small
>loop does 20 thru 10. A gamma match provides 1:1 swr on both loops.
>
>Another loop was reviewed in QST May 94 by some guy named
>Ed KA1CAV....HI!!!! :-)
>73 Pete
>NV4V
>

Date: Tue, 29 Feb 2000 07:32:31 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64551] Re: W1FB on 14.0605
Message-ID: <006501bf82b9\$6ee49ce0\$3e763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

"Wow! 559X2. Is that loop an original design? If so, how about an article? :-)

73,
Ed Hare, W1RFI"

Hi Ed,

The design is original to me but I find it's been done many times before. I don't think there is anything new. You can see the loop I used to work you at the following:

<http://home.swbell.net/aa5tb/loop06.html>

My main loop page is at:

<http://home.swbell.net/aa5tb/loop.html>

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 29 Feb 2000 06:38:55 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: ka7you@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64552] Re: Magnifying Desk Lamps
Message-ID: <38BBCBEF.68BB6F56@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Slightly off topic, but if you need to take photos, in order to document any of your QRP projects, this lamp will double as a "ring light". Just temporarily remove the lens, position the light over the object to be photographed, and shoot your pictures through the hole where the lens used to be. I use a macro lens on a 35mm camera, and then scan the pictures into my computer. The green tinge that results from shooting daylight film with cool white fluorescent bulbs can be easily corrected in most photo editors. This is a very easy and inexpensive way to get even illumination.

Bruce kk7zz

Rod Johnson wrote:

> For those of you looking for an inexpensive magnifying lamp...
> I just received a new catalog from Damark. (WWW.damark.com)
> They have a desk lamp on an articulated arm, with an 8" round circline
> fluorescent lamp and the 5" magnifying lens for \$27. I bought one from
> them a couple of years ago, and it has been a very good lamp. They come
> in white (#B-20831-569943) or black(#B-20831-569929).
> I'm going to buy two more at that price.
>
> Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
> 80M thru 10M with K2 s/n268 and other fine QRP rigs.
> VHF thru 1296 MHz-higher bands pending
> ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 SOC#184 and
> others
>
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

Date: Tue, 29 Feb 2000 08:44:53 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: AdamN7YA@aol.com
Cc: qrp-l@lehigh.edu
Subject: [64553] Re: OT: Help me ID this rig please!
Message-ID: <v03102800b4e17abeea56@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Adam,

What you have is the third model of a boatanchor legend. The first National HROs date from the early '30s and were the cutting edge receivers of their day. The HRO was the design of James Millen of National Radio, the foremost receiver designer of the 30s and 40s. The HRO series consisted of the HRO, HRO-Jr, HRO-5, 7, 50, 60, 500 and the final 70s model the HRO-600. There was even a WW2 Japanese copy of the HRO captured on one of the Pacific islands.

Your HRO-7 uses plug in coil sets, that unlatch from the front. There are

coil sets to cover 100KCs to 30MCs and above. Finding a full set of coils is a real challenge for an HRO owner. The tuning index on the coil sets have been reproduced if yours is missing.

They are still fine receivers and are very collectable especially with the matching speaker. Matching speakers can fetch as much or more as the receiver they were made for so you are very lucky to have that with the receiver.

I have some HRO restoration information I'll be glad to share with you.

72/73,

Rick kf4ar

Date: Tue, 29 Feb 2000 06:44:02 -0700
From: Bruce Grubbs N7CEE <n7cee@arrl.net>
To: hosinsky@royac.iac.es, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64554] Re: Stealth antenna support line
Message-ID: <3.0.5.32.20000229064402.009a8db0@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Goran,
You might try the Kevlar fishing line. It's very thin, like monofilament, but dull green in color. Leave plenty of slack, though. It has no stretch.

73

Bruce N7CEE
n7cee@arrl.net

Date: Tue, 29 Feb 2000 07:47:57 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: vk3em@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [64555] Re: Fine pitch SMT techniques...How to fine pitch IC's
Message-ID: <38BBEA2D.F638137F@townsqsr.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Luke, thank you for that very useful information.

73, Dick

Luke Enriquez wrote:

>
> Soldering very small pitch pins is really not a problem. You
> can do it without ovens and solder cream.
>
> Here is how :
>
> 1.) Line up your IC and tack solder the corner pins. Dont worry if you short
> a few together, just make sure you don't bend the pins with your iron tip.

>snipped<

Date: Tue, 29 Feb 2000 08:03:30 -0600
From: Dan Copeland <n0dt@alltel.net>
To: k5zty@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64556] Re: Noise Level
Message-ID: <4.2.2.20000229071636.00a992c0@pop.alltel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have been on this list for a long time. The worst noise level is from people griping about the noise level. You would think that people having a discussion on a discussion list was causing some kind of problem.

When you have 35 messages on a topic from a list of a reported 3,000 subscribers, I don't see how that can be considered noise. If anything we should wonder why there is not more.

If you don't want to read what others think, then why are you subscribed to a discussion list? After all the 11m thread started as a QRP question.

I don't read everything that comes over the list (especially from those crying about noise) but I hope it never changes.

I do read about Ron's skunk traps and I enjoy Nils writing. In fact I like most of the humor sent by people who later come back and apologize for sending it because some of the list cops get all over them.

Some of you guys make me remember why I don't belong to a local club.
You can't let people enjoy the hobby their way without trying to
make them do it your way.

If you want to flame me go ahead because I don't care what you have
to say!

At 07:34 PM 2/28/00 -0600, k5zty@juno.com wrote:
>There were 35 messages in my mail tonight about using 11 meters.
>No wonder Chuck quit the list.

Date: Tue, 29 Feb 2000 09:08:17 -0500
From: Michael Ostrowski <mostrowski@CreativeSolutions.com>
To: qrp-l@Lehigh.EDU
Subject: [64557] RE: Convert MFJ-949E to QRP(p)?
Message-ID: <C17F1AF032ECD21180C100A024BB8E2E0172DAE6@xmail.creativesol.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Rohn,
I just completed repairing my MFJ-969 which was also blown by sending it
100W on the 30W position. All I needed to replace was the forward 1N34A
diode, this may be all that is wrong with your unit as well. Just measure
the forward and reverse diode resistance with a DMM - A good diode will give
you a resistance reading in one direction and zero the other, while a bad
diode will give nonzero readings in both directions.

I don't have any experience converting one to directly read QRP levels, but
I be interested in knowing the details.

Anyone have instructions on calibrating a 949/969?

72/73, Mike KI8IK
KI8IK@arrl.net

Date: Tue, 29 Feb 2000 09:31:35 -0500
From: "Thom Durfee" <wi8w@arrl.net>
To: <qrp-l@Lehigh.edu>
Subject: [64558] Variable Cap Pool

Message-ID: <001701bf82c1\$b07dd9c0\$7b700a0a@usxchange.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the January 2000 issue of the QRP/ARCI Quarterly, a letter from Rock W9SCH called for the creation of a "pool" to collect and distribute variable capacitors that have long ago left the general market.

Has anyone else read this and do you have any comments concerning it? I have emailed Mary NA6E, the Editor of the Quarterly about this subject and I have volunteered to take on this project.

I propose a voluntary, not for profit, project to collect, sort and distribute these sometimes hard to find items.

I welcome your comments and suggestions.

Thanks

Thom WI8W
wi8w@arrl.net

Date: Tue, 29 Feb 2000 08:33:25 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <we6w@qsl.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [64559] RE: Part 15 questions.
Message-ID: <000301bf82c1\$f01525c0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Part 15 can be found at:
http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/cfr/1999/47cfr15.pdf

For an index of various documents

http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/cfr/1999

The latest Part 97 is at

http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/cfr/1998/47cfr97.pdf

Kevin, WB5RUE

```
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Ed Loranger
> Sent: Monday, February 28, 2000 5:50 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Part 15 questions.
>
>
> Well, then there is no debate. Visit http://www.fcc.gov
> and read the text.
>
> This is a theoretical discussion list pertaining to
> experimentation and operating.
>
> The proper question should have been:
>
> "Where may I find the part 15 text for a question
> I have."
>
> .eof
> --
> -72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
> http://www.qsl.net/we6w Santa Rosa, CA
> QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227
>
```

```
-----
Date: Tue, 29 Feb 2000 09:34:19 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group <NoVaQRP@topica.com>, QRP-L
<qrp-l@lehigh.edu>
Subject: [64560] Z31FK on 28.008.8 calling CQ, DU3MBS on 28.018.0, 1430Z
Message-ID: <38BBD8EB.4B069EBC@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
```

Content-Transfer-Encoding: 7bit

Just worked Z31FK and DU3MBS with 5 watts to a dipole stapled to the rafters in my crawl space attic. I really like 10m!!!

Jake -- N4UY
Vienna, VA
(Wash DC suburbs)

Date: Tue, 29 Feb 2000 08:38:27 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <af852@rgfn.epcc.edu>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [64561] RE: QRP 1750M...Oops, that is not part 97...Yet.
Message-ID: <000401bf82c2\$a4f502d0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No need to worry here. The proposed power levels in that band are less than 5 watts ERP and I think the current Part 15 level is 1 watt.

We are also supposed to get some spectrum around 5MHz too.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Ray Colbert
> Sent: Monday, February 28, 2000 7:49 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: QRP 1750M...Oops, that is not part 97...Yet.
>
>
> I would hope that the FCC sees fit to discontinue any efforts
> to bring the 160-190 Khz part 15 range into the amateur radio
> community. A lot of people, licensed amateurs and not, do
> a lot of experimenting there and most if not all of that will
> go away. With the one group that is currently experimenting
> in the 136 Khz range, (which is the European 1f band) efforts
> by the FCC and ARRL should continue in that direction, and
> leave the "1750 meter band" as is, for part 15 users
> and experimenters. In addition, what will happen to the

> power companies that are still using the carrier systems
> down the line, for control, voice contact, etc when
> a kw amateur transmitter fires up on one of their frequencies.
> Massive power failures? Just a thought.
> 73
> Ray
> -----
> "The more I see of the representatives of the people,
> the more I admire my dogs."
> letter from Count d'Orsay to John Foster 1850
> -----
> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
> (also w5xe@juno.com El Paso, (FAR WEST) TEXAS
>

Date: Tue, 29 Feb 2000 08:43:10 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <mikey@mcs.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [64562] RE: Use 11 metres legally for QRP (USA only)
Message-ID: <000601bf82c3\$4cfc4ce0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You are correct, I must have been hallucinating or something. If your equipment is working properly then it is the fault of the television. BUT it does behoove you to help your neighbor fix what he sees as your problem. The general public sees us as high power CBers so we can use all the help we can get.

73/
Kevin

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Michael Young
> Sent: Monday, February 28, 2000 9:32 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Use 11 metres legally for QRP (USA only)
>
>
> Is this true? I think I latched onto one explanation that, so
> long as my

> equipment is in compliance, it is not my problem. Legally, at
> any rate, if
> not morally.
>
> Michael.
> K9ZC
>
> ----- Original Message -----
> From: Kevin Muenzler, WB5RUE <wb5rue@stic.net>
> > If I interfere with my
> > neighbor's TV then I am in violation with both Part 97 and
> Part 15, not
> one
> > or the other but both.
>
>
>

Date: Tue, 29 Feb 2000 09:46:40 EST
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [64563] Tuna tin 2 and the likes
Message-ID: <27.2598a45.25ed35d0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good morning all,

I know this may be a silly question but has anyone combined the TT2 and a receiver in the same can? Also looking for a good tube qrp project to do. Would like to know some of the favorite tube qrp projects out there. Thanks for the bandwidth and have a great day.

73
Steve
N4TKP
QRP-L 1763

Date: Tue, 29 Feb 2000 09:56:08 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <n5em@flash.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [64564] What is QRP?

Message-ID: <008701bf82c5\$2944b4c0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> No way, no how, is a discussion of 11 meter operation or Part 15
devices
> related to QRP Ham Radio Operation. (Did we forget to mention that
this is
> a HAM RADIO list??)

Without getting into the emotional issues of the bandit band, I
DIDN'T think this was an exclusive HAM RADIO list. I've seen
lots of stuff here in the past pertaining to low power FM and
remote control devices. In fact, in the past when I first joined
this list, I originally found it when there was some stuff on the
Ramsey FM stereo transmitter on here.

Am I wrong for thinking that this is a general discussion area for low
power radio? I know the off-topic stuff can sometimes be a pain,
but is it that bad? There's always that private QRP Tech list that
was started...

Mike

Date: Tue, 29 Feb 2000 09:57:50 -0500
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [64565] QRP-Tech
Message-ID: <20000229.095801.-620441.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Many thanks to all who offered help or sent me the emails.

I still can't get into my email at the original address and am trying to
get it changed to a JUNO address where all the email will be on MY
computer.

Thanks for all the help.

fred w2xn

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 29 Feb 2000 10:01:03 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <Mercxx@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [64566] Re: Tuna tin 2 and the likes

Message-ID: <00a401bf82c5\$d4e04920\$9001a8c0@mikey>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Good morning all,

> I know this may be a silly question but has anyone

> combined the TT2 and a receiver in the same can? Also

> looking for a good tube qrp project to do. Would like

> to know some of the favorite tube qrp projects out there. Thanks for
the bandwidth and have a great day.

>

> 73

> Steve

> N4TKP

> QRP-L 1763

Years ago... I had this fantasy at one time, of making up a 'rig' that
was my DX-300 receiver with something like a TunaTin type tx on
the side. That way I could tie the TT right to the receiver and
antenna,

and have the key kick the mute line on the DX-300. I hadn't thought
of 'building it in' to the DX-300 box... I wonder if I could have made
it fit?

OK, other than physical issues... I wonder what you'd have to deal with
if you did it? Would the RF levels of the TT2 damage the front end
of the DX-300? Could I have just put a simple PIN diode type
switch?

This sounds like a really neat discussion topic!

Mike

Date: Tue, 29 Feb 2000 09:54:51 -0500
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
To: "'Mercxx@aol.com'" <Mercxx@aol.com>
Cc: "'qrpl'" <qrp-1@lehigh.edu>
Subject: [64567] RE: Tuna tin 2 and the likes
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0AFB@13c-xchg-cse.mail.cse.1-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Steve,

There were lots of examples at pacificon last year started when Doug Hendricks made available the TT-2 and MRX-40 for a construction/operating contest. Paul Harden's was the best example. The next issue of QHB will have my attempt which really did not have them in a box.

As for the future, stay tuned, something just may be in the offing.....

72/73,

Joe E., N2CX

Good morning all,

I know this may be a silly question but has anyone combined the TT2 and a receiver in the same can? Also looking for a good tube qrp project to do. Would like to know some of the favorite tube qrp projects out there. Thanks for the bandwidth and have a great day.

73

Steve

N4TKP

QRP-L 1763

Date: Tue, 29 Feb 2000 08:13:34 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [64568] Re: What is QRP?
Message-ID: <38BBE21E.2749842B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Yetsko said: "Without getting into the emotional issues of the bandit band, I DIDN'T think this was an exclusive HAM RADIO list."

Quoted from the QRP-L Welcome message:

"The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics:
portable operation, equipment design and construction, solar
and battery power, QRPp, contesting, kit building, ..."

It's pretty clear what the List is for.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Tue, 29 Feb 2000 08:27:52 -0700
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [64569] Looking for Room at Dayton
Message-ID: <000f01bf82c9\$8dc68be0\$930586cc@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everybody,

I'm saving my pennies to go to Dayton this year for my first time (This is the first time that final examinations do not take place around the Dayton weekend).

However, as everyone knows, rooming is an issue, especially right now. I am wondering if anybody might have space for one more in their room, as I would be more than happy to chip in for my part.

Any help would be appreciated! Feel free to email me.
I hope to be there this year!

72,
Brian, N5ZGT
Albuquerque, NM
<http://www.unm.edu/~brianm>

Date: Tue, 29 Feb 2000 10:36:41 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [64570] mobile DX on way to work
Message-ID: <55.2b84a1d.25ed4189@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

On the way to work this morning I tuned into the 10 meter band and heard 4N7DW calling CQ on 28.397. Picked up the mic (first time in a long time) and gave him a call. To my suprise he came right back to me and gave me a 599 report. Eddy, in Yugoslavia. Guess I should pay more attention to SSB while in the car. Another new one for me.
Rig is a Icom 706MKII with a Comet single band whip on the trunk.
Life is Good....even in SSB
Love this hobby
Aron
N10DL
Bedford, NH
SOC#10 FISTS#4110 QRP-L#1326

Date: Tue, 29 Feb 2000 08:53:42 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [64571] Re: Kudo's for Ed Hare
Message-ID: <38BBEB86.2D80A2C0@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Absolutely!!! HIP! HIP! HIP! HOORAY to ED.

Many, Many thanks for all your efforts.

73

Ray

--

"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Tue, 29 Feb 2000 11:13:16 -0500

From: Laura Halliday <va3ldh@sympatico.ca>

To: qrp-1@Lehigh.EDU

Subject: [64572] Re: NORCAL SMT kit... The Future is coming...

Message-ID: <38BBF01C.87D35C78@sympatico.ca>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

After reading the launch manifest for Ariane 507 this morning
it would take more than getting flamed by a well-known flamer
(I know who my peers are...) to discourage me. Thanks for the
email, and not to worry. :-)

For all the nastiness, W0EX raises an interesting point:

> I guess next you're
> gonna tell us that you can, and *I* should be able to,
> easily duplicate my IC756!

Why would anybody want to? This highlights a major difference
between what we can do for ourselves as hams, and what the
manufacturers do for us.

When a company like Icom design a rig like the 756 they want
to make money on it. So they must design a rig hams will
buy, which means all bands, all modes. They jack up their
profit margin by loading it up with zillions of features
that few hams ever use. To make it affordable they then
design it down to a price.

When we hams build our own gear we have no such concerns.
We can build a rig to do one thing, and do that one thing
as well as modern technology permits. We can add extra
stages, use circuits that require all sorts of alignment

and tweaking (a no-no at Icom, where labour costs money),
and so on.

The fun has always been in adapting other peoples' technology to solve our problems. SMT is an example: manufacturers use it to cut cost. We use it because new and interesting components come that way. How we deploy such technology varies - like a home-built radio whose DSP board is a manufacturer's DSP eval board (cheap, all support goodies mounted, development software included) mounted in a shielded box...

Despite my comments about the 1206 technology the Norcal folks have selected, I look forward to building one.

Count me in!

--

Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

Date: Tue, 29 Feb 2000 11:27:32 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'myetsko@insydesw.com'" <myetsko@insydesw.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64573] RE: Tuna tin 2 and the likes
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1EA@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

> Years ago... I had this fantasy at one time, of
> making up a 'rig' that was my DX-300 receiver with
> something like a TunaTin type tx on the side. That
> way I could tie the TT right to the receiver and
> antenna, and have the key kick the mute line on the
> DX-300.

I suggest that QRPers take a look at "The Quick Keyer" article that appeared in the June 99 QST. This article featured a PIC keyer that had sequenced keying for T/R switching, muting and RIT. A companion piece, "Beyond the Quick," September 99 QST, featured a mutable audio amp and PIN diode T/R switch.

73,
Ed Hare, W1RFI

Date: Tue, 29 Feb 2000 11:37:48 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [64574] ANTENNA: My sad, sad, ATAS100 story (fwd)
Message-ID: <Pine.OSF.4.21.0002291135430.1479-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's a copy of a message I sent out to the Yaesu FT-100 user's list this morning. It's not QRP, but probably worthwhile reading. Let me know privately.

Last summer I was a cheapskate and bought a USED ATAS-100 from a guy on the internet. To be honest, it wasn't even all that great a savings.

The antenna arrived and I thought is strange that it did not have a stainless steel whip. It seemed to have a long piece of welding rod or something like that as a replacement. The antenna itself looked pretty beat up, but it worked OK so I started using it.

I'm a trusting soul, and didn't really give it much thought. I even emailed the guy I bought it from and he explained that HE bought it used off someone else and that the previous owner must have "modified" the antenna because he thought that the whip that came with it was too flexible. He even offered to buy back the antenna... I didn't think it was that big a deal at the time but in retrospect, I should have taken him up on it.

A few times in the fall, the antenna would go intermittent. I mean it would not TUNE. If I pulled the antenna off the car it would work for a while.

As you all know, it really went flaky on me this winter and simply refused to do anything when it was cold out. It would work fine if it was warmed up in the house for a half hour or so.

Finally, I'd had enough and decided to take the thing apart to see what was the matter. To make a long story longer here's what I think happened.

The original owner might have thought that the whip was too springy, or he may have simply lost it, but regardless, he pulled the antenna apart to bore a larger hole in the little "cone" that the whip screws into.

When he did that, he probably broke the wire that sticks out of the coil and goes into that bullet piece to make the connection to the whip. Unless you know that there is a second allen screw holding it in place, that would be easy to do.

When he reassembled the whip, I think he may have accidentally poked a hole in the rubber boot with the wire from the whip.

The hole in the boot let moisture get into the motor mechanism.

Moisture from the motor dripped down onto the little control circuit board.

After a period of time. The ATAS simply failed. When I disassembled the antenna, the motor housing was pretty much completely rusted, the control board was covered in corrosion and muck... it was a disaster. Even though the antenna was less than a year old, there was no way I could morally send it to Yaesu for warranty repair.

So... kind soul that I am, I basically got screwed over. A couple weeks ago I bought a new ATAS-100. The old one is a basket case.

I usually have no problem buying things off the Internet. Electronic stuff usually works fine and probably can last forever. The ATAS-100 is NOT an electronic device, it's a MECHANICAL device. You know the saying...

mechanical things
they have no heart
when the going gets tough
they fall apart.

So beware folks. I would not suggest you purchase a used ATAS-100 unless you REALLY inspect it well. Even though the person I bought it from offered to buy it back, the thing did work for a while, so I thought I was safe.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 29 Feb 2000 10:39:00 -0600
From: "George T. Baker" <w5yr@att.net>
To: AdamN7YA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64575] Re: OT: Help me ID this rig please!
Message-ID: <38BBF624.CAF2D183@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mind your mouth, you disrespectful young pup!! ;^((

You are gazing upon an *HRO*, one of mankind's superior technical creations - at least it was back in the 30's when the first ones were designed and made by the National Company in Malden, MA.

My first "real" top-line receiver was an HRO-5TA1 acquired in 1946 or 47. It was the latest model with a genuine Noise Limiter! It was the first production HRO after WWII that had any redesign over the wartime units which were just warmed-over versions of the 30's models.

The HRO-7 came out in about 1947 or 48 as the upgrade model. Not too much different externally, but it used the "new" miniature tubes if I remember correctly. But it retained the big single knob for tuning the very fancy dial which covers from 0 to 500 in ten turns. Ham bands were bandspread to cover 50 to 450 on the dial so frequency/dial division was different for each band.

What you are calling a "tuner" is actually a set of plug-in coils for each frequency range. The coil set has small screws that can be positioned in either of two locations: one for ham-band bandspread and the other for general coverage of a much wider range.

The speaker is in a separate box as is the power supply. The power cable has an old 4-prong tube base type of plug on it. The supply is completely potted with some tar-like stuff. If you short the supply, the tar starts bubbling and stinking as an alarm. Once an electrician opened the neutral in our home (I was a kid still at home in those days!) and we ended up with my HRO power supply on one side of the line and the refrigerator on the other side. Guess where most of the 240 volts ended up! Had to send it back to Malden for repairs.

This could go on for hours, but you get the idea. You are in possession of what was, at least for some, the premier radio made in this country. Those of us who cut our ham radio teeth with one still hold it in great reverence.

Now, for the big shocker: it is almost a certainty that the HRO-7 you have was NEVER in military service. It was not even made until well after WWII and was obsolete by Korea. They came from the factory in that pukey grey beige color - REAL HRO's were BLACK WRINKLE!

It may have been used on the ship or whatever, but I suspect that it was the personal radio of someone and not part of the ship's equipment.

Now, assume the position and repeat after me "I will NEVER AGAIN bad-mouth this wonderful, glorious radio . . ." Do that 100 times and maybe you will be forgiven!

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

AdamN7YA@aol.com wrote:

>

> Hi all, i have sitting next to me a TRUE Boat Anchor...its a rig from an old
> USCG cutter from the 40's or 50's (or navy ship, not sure).

> First off, its Painted drab gray, beat to hell....and the rig is a National
> HRO-7 with a matching speaker....can anyone give me a rundown on this rig,
> any former users? the cables are all wrapped in fabric and the power cord is
> a stubby, 4-prong deal...the tuner unlatches and slides right out...huge knob
> too!

> Overall, its an ugly beast! but i can just imagine who was at the controls
> of this thing during wartime....any info would be appreciated. Thanks!

>

> 72/73/74...Adam, N7YA

> Las Vegas, NV...Zone 03

> QRP-L #1608, SOC #143, Y Guy #2

> Code Warrior #76, Hamusician #1

Date: Tue, 29 Feb 2000 10:12:05 -0700

From: "Rod, N0RC" <n0rc@yahoo.com>

To: <elecraft@qth.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, "ncarc reflector" <ncarc@qth.net>

Subject: [64576] Neat Power Strip

Message-ID: <060101bf82d8\$1e399420\$9e101004@compaq>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks:

I found a neat power strip. This one has 8 sockets arranged in two rows of four, and the plugs are rotated 90Deg from the norm, 4 are spaced W I D E--Thus this strip accommodates wall warts quite nicely! The strip also has a surge protector.

The unit is made by IBM and comes in 3 models:

- 33L4724, 8 sockets, 1420 joules protection
- 33L4729, 8 sockets, 1420 joules protection, 2 modem lines
- 33L4725, 8 sockets, 1820 joules protection, 2 modem lines

Each unit offers a limited equipment replacement warranty, of \$50k, \$75k and \$100k respectively. I got the 33L4724, \$25 at Target. The others were \$30 & \$35.

Other neat features: Child safety caps over sockets, unique design that slides into and out of the way; 6' ft cord with right angle plug; all units handle 15amps; cable clamps & color coded cable labels are also included in the box.

72/3 Rod, N0RC -- Fort Collins, CO

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Tue, 29 Feb 2000 09:28:41 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: wi8w@arrl.net, qrp-l@Lehigh.EDU
Subject: [64577] Re: Variable Cap Pool
Message-ID: <20000229172841.39516.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>In the January 2000 issue of the QRPARCI Quarterly, a letter from Rock

>W9SCH called for the creation of a "pool" to collect and distribute
>variable capacitors that have long ago left the general market.
>

I saw recently that Jackson Bros., who've been making variable capacitors for years, went into receivership last year. Mainline Electronics, a UK component distributor, took them over, and will presumably be maintaining manufacture.

Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 29 Feb 2000 09:31:42 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64578] Re: OT: Help me ID this rig please!
Message-ID: <01bf82da\$d798a5d0\$30ddfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Adam

As I recall, it was a single conversion receiver, probably with 455 kHz IF. Used the older tube types, I think pre-octal types. Depending on the plug-in coils, could cover AM BC band up to 30 MHz or so. You might do some web searching, and see if there is a National Collectors

web page or some such. I've seen them for other makes.
73, Bob N6WG

Date: Tue, 29 Feb 2000 09:33:50 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64579] RE: Fine pitch SMT techniques...How to fine pitch IC's
Message-ID: <01bf82db\$23e78f50\$30ddfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Luke
Thanks for this info. I've printed out your SMT article, but this is a
worthwhile addition. I'll just staple this to the article printout.
73, Bob N6WG

Date: Tue, 29 Feb 2000 09:41:28 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64580] Re: Frequency counter help/advice
Message-ID: <01bf82dc\$34f9def0\$30ddfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe
I suggest you check the web for Heathkit. You may be able to find a site
for Heathkit collectors. They could possibly refer you to a source of a
used manual.
Another possibility is the various outfits that sell used manuals. I know
of W7FG, and there are others as well.
With a little digging, you can probably find the manual you need.

I've bought several pieces of test gear, and obtained my manuals this way.

73, Bob N6WG

Date: Tue, 29 Feb 2000 12:39:30 -0500
From: Caitlyn Martin <caitlyn@netferrets.net>
To: qrp-1@lehigh.edu
Subject: [64581] The Outbacker is sold; NCG-15M still available
Message-ID: <38BC0452.B61019E4@netferrets.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, everyone,

The Outbacker Tri-Split has been sold. Thank you for all the responses.

The NCG 15M QRP 15 meter monobander is still available.

72,
Caity
KU4QD

Date: Tue, 29 Feb 2000 09:44:25 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Bob Tellefsen <n6wg@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64582] RE: Fine pitch SMT techniques...How to fine pitch IC's
Message-ID: <Pine.GS0.4.10.10002290937190.16327-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Feb 2000, Bob Tellefsen wrote:

> Luke
> Thanks for this info. I've printed out your SMT article, but this is a
> worthwhile addition. I'll just staple this to the article printout.
> 73, Bob N6WG
>

Hi Bob,

Don't forget to look at the fine article by Laura Halliday in the
QRP Quarterly.

I'm at work and can't remember just which issue it was in but it

should be available from Danny.

All the info should be available on the ARCI web page.

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Tue, 29 Feb 2000 09:54:14 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "Monte Stark" <ku7y@dri.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64583] Re: Fine pitch SMT techniques...How to fine pitch IC's
Message-ID: <01bf82dd\$fd469a0\$30ddfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the reminder, Ron. I also dug out the four QST issues on the subject, April, May, June, July 1999.

73, Bob N6WG

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Bob Tellefsen <n6wg@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, February 29, 2000 9:45 AM
Subject: RE: Fine pitch SMT techniques...How to fine pitch IC's

>On Tue, 29 Feb 2000, Bob Tellefsen wrote:

>

>> Luke

>> Thanks for this info. I've printed out your SMT article, but this is a
>> worthwhile addition. I'll just staple this to the article printout.

>> 73, Bob N6WG

>>

>

>Hi Bob,

>

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>
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>
>cul,
>
>73, Ron
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
>.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
>
>

Date: Tue, 29 Feb 2000 09:55:03 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [64584] AR Millennium challenge.
Message-ID: <38BC07F7.6F2B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd like to once again thank the Arkansas QRP club for sponsoring the year-long Millennium challenge contest that ended Jan. 5th 2000.

This contest was a great exercise in stamina, requiring an average of 6 QRP QSO's per day for around 370 days straight.

The certificate and one page history of the AR QRP club arrived yesterday and is a fine piece of wall paper for sure.

Thanks again for reminding us that there is nothing we can't do if we stick to it.

With nearly 2500 QRP QSO's last year nearly all on 40 meters, it is apparent that QRP operating works well.

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Tobor, The 8th Man to the rescue!

Date: Tue, 29 Feb 2000 10:00:35 -0800
From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64585] Re: QRP-Tech
Message-ID: <00e001bf82de\$e12f7e80\$5dc9bbc0@cwil.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I must have missed the posts on this one. Can someone please email me the subscription info for the qrp-tech list?

Thanks!

73
Barry AD6HR

Date: Tue, 29 Feb 2000 10:14:51 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64586] Re: AR Millennium challenge.
Message-ID: <Pine.GSO.4.10.10002291010200.16976-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Congratulations Ed!

That's a great feat.

I wonder if someone will sponsor two more of these....one for the last year of the 2nd Millennium and one for the 1st year of the 3rd Millennium?

While we are already two months into the last year of the 2nd Millennium there is still time to get lots of QSO's.

Great way to create some good QRP activity.

QRP-L is great, as are some of the other reflectors but I'm still a bit of an OF..... I think the proper end result of all this building and learning is to get on the air and have some QSO's! :-)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Tue, 29 Feb 2000 12:25:41 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [64587] QRP/ARRL
Message-ID: <0974781F4FC8D211A24600902727E806011B1F8D@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

I flew down to Dallas last night for the Garland Amateur Radio Club meeting. It's guest speaker was Jim Haynie, el presidente de ARRL. We had a private talk outside during the break. I mentioned that I really enjoyed the new issue of QST and told him that I was an avid QRP fan. He hinted that there might be some changes toward certain power levels in certain contests/awards. It sounded interesting.

Hal - WB9VMY

Date: Tue, 29 Feb 2000 10:38:59 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64588] Re: Kudo's for Ed Hare
Message-ID: <Pine.GSO.4.10.10002291019570.16976-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I'd like to add my name to the list of those thanking Ed.

I have been lucky enough to meet Ed and chat with him. For those who don't know him, he really is a nice fellow!

He does a lot of hard work promoting QRP within the walls of the ARRL Hq. and we all owe him a big Thanks!

Watching this whole TT II "event" for the past year has been great.

Finding the original TT II seems to have been the event that got a few people thinking about that rig again. Then Doug took the ball and did the articles and TT II kit.

Anyone who wondered who Doug DeMaw was has learned by now! I view the whole TT II "stuff" as a big "testamoinal" to Doug's memory.

Thanks also to Bruce for "modernizing" the Slider.

We, as QRPers, are very lucky to have so many people who are willing to do so much to benifit other people.

And I still think that the free flow if ideas here on QRP-L has been a major reason that it can all happen in real time.

Ok, so there's a topic that gets posted from time to time that many don't care for..... But so what?

They all die a natural death and we get back to QRP. :-)

So Thanks ED! And all you others too! (You know who you are and so does everyone else!)

OK, back into the hole again!

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qs1.net....SOC #2.....Nevada....NRA LIFE.....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Tue, 29 Feb 2000 10:50:27 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [64589] Experience with Constant phase Larger Loops?
Message-ID: <38BC14F3.6428@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks, I'm interested in chatting with anyone on the list having experience with the following:

Antenna, one wavelength or more vertical loop having constant phase effective current.

Examples include: The Alford loop which uses phasing lines internal to the loop.

Triangular loop consisting of 3 or more smaller diameter eccentric shielded loops common fed from the central loop feed.

Cloverleaf loop consisting of 4 or more common fed smaller loops.

All create a field consistent with constant phase typically only possible with .1 wavelength circumference small TX loops.

I'm interested in the affect of broadside nulling reductions due to the feed arrangement and other factors regarding noise immunity, radiation resistance and Radio power factor efficiency.

Thanks.

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Tobor, The 8th Man to the rescue!

Date: Tue, 29 Feb 2000 14:01:03 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'ku7y@dri.edu'" <ku7y@dri.edu>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [64590] RE: Kudo's for Ed Hare
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1EF@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Ron,

Gosh, after all the fun I had, it is hard to imagine why people want to thank ME. I feel it should be the other way around, so, let me offer a heartfelt thank-you to all those who helped make this possible, especially those who waited in the pileups.

Now, as to QRP and ARRL, it is a pretty easy sell. The goals of the QRP community -- on the air activity, Elmering, construction, etc., are all very much the goals of the ARRL. Some of the QRP promotion is really promoting some of the other goals. QRP is one of many active and vibrant parts of ham radio, and ALL deserve our support. Joe Carcia, the W1AW Chief Op, mused that when ARRL did the QRP ARCI/ARRL Black Cat event, it was all QRP, but the next event was a contest operation with amps on all bands. :-)

Actually, the TT2 revival stuff done by NORCAL happened while the original was lost, or at least under restoration by W6TOY. The original helped give what was already a great process a nice boost, but that synergy happened before I came into the picture.

Somehow, it all came together into something great! From here, though, I can't envision the next step; what could be better than seeing W1FB back on the air, as a QRP station! (I had offered that the Super Secret event was BETTER than W1AW; anyone disagree? :-). I think the next step, and what WILL be better than W1FB, and is certainly what W1FB intended, is for us each to create our own ham radio and find interesting things to do within it.

Yes, thanks to all, and it is the synergy, not any one of us, that made it what is is. I wouldn't trade my QRP activities for anything else in ham radio!

Well, back to working on that Part 15 filing! :-)

73,
Ed Hare, W1RFI

-----Original Message-----

From: Monte Stark [mailto:ku7y@dri.edu]
Sent: Tuesday, February 29, 2000 1:39 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Kudo's for Ed Hare

Hi All,

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OK, back into the hole again!

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qs1.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Tue, 29 Feb 2000 14:03:13 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'hdeitz@ms.rose.cc.ok.us'" <hdeitz@ms.rose.cc.ok.us>, Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>
Subject: [64591] RE: QRP/ARRL
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1F1@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Hal,

Well, this time I really DON'T know anything behind the scenes. However, if QRPers have any views on what ARRL should continue to do to support QRP activity, those views should be made known to your ARRL Division Director. They can be reached by mail, phone, in person or by email at the addresses in your QSTs or on the ARRL Web page.

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Deitz, Harold L. [mailto:hdeitz@ms.rose.cc.ok.us]
Sent: Tuesday, February 29, 2000 1:26 PM
To: Low Power Amateur Radio Discussion
Subject: QRP/ARRL

Hi all,

I flew down to Dallas last night for the Garland Amateur Radio Club meeting. It's guest speaker was Jim Haynie, el presidente de ARRL. We had a private talk outside during the break. I mentioned that I really enjoyed the new issue of QST and told him that I was an avid QRP fan. He hinted that there might be some changes toward certain power levels in certain contests/awards. It sounded interesting.

Hal - WB9VMY

Date: Wed, 01 Mar 2000 12:13:43 -0700
From: Skip <longbeard@cybernet1.com>
To: qrp-l@Lehigh.edu
Subject: [64592] Class priviliges
Message-ID: <3.0.6.32.20000301121343.007cf100@mail.cybernet1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Bob,

I hate to have to come out of MY hole here, but your comment smacks of elitism or class arrogance.

I thought that this was something we were all trying to eliminate. Who says that another class can't have an opinion or even ...(gasp!)... be knowledgable?

I agree that some of these discussions may get carried away, and go beyond their intended focus, but there is still a place for them. They can always burn out here and go elsewhere. Remember SOC?

Back into my cave, extinguishers ready.

Skip, K=D8YWD

Stevensville, Montana DN26

SOC #38 QRP-C #146, QRP-L #2003, CQC #616, Zombie #641 =20

>

>Folks, this discussion is being driven by someone who, unless recently
>upgraded, doesn't have any HF privileges on the Amateur bands anyway.

>

>Filters on.

>

>Bob Hightower NK7M

>Chandler, AZ

>SOC #20

>

>

>

>

>

><http://www.extremezone.com/~nk7m>

>

Date: Tue, 29 Feb 2000 11:10:55 -0800
From: "Mont Pierce, KM6WT" <montp@synacom.com>
To: <bgeipel@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64593] Re: QRP-Tech
Message-ID: <006401bf82e8\$b49a5520\$72855fcf@synacom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Barry L. Geipel - AD6HR <bgeipel@primenet.com>

> I must have missed the posts on this one. Can someone please email me
> the subscription info for the qrp-tech list?

click here: listproc@lehigh.edu

in body put: subscribe qrp-tech your-name

or

I like to put, subscribe qrp-tech your-name, callsign

73,
Mont

Date: Tue, 29 Feb 2000 12:31:12 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "J. Ervin Bates" <w8erv@email.msn.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64594] Re: ATTN: Zombie Folk
Message-ID: <Pine.SUN.4.10.10002291226500.20986-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Feb 2000, J. Ervin Bates wrote:

> Well, somehow I lost my Zombie badge. Hope I just misplaced it, but
can

> someone in the know tell me what my Zombie # is? It would be most
> appreciated.
>
> 72,
> Erv W8ERV

>From the most sacred Zombie scrolls:

Zombie #236 ... James "Erv" Bates, W8ERV

72, Paul NA5N
Zombie #004

Date: Tue, 29 Feb 2000 14:33:25 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'na5n@rt66.com'" <na5n@rt66.com>, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [64595] RE: Kudo's for Ed Hare
Message-ID: <125490A005E3D3118C9C00805FC743CC08D1F5@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks, Paul,

Well, as you know, I have always tried to keep my participation in the QRP community personal. It is what I personally like to do in ham radio, just like Bill Kennamar likes to do DXing and Zack likes to build microwave stuff. I do take what opportunities I have to share information about ARRL with the QRP community -- sometimes, as an HQ insider, I can bring a unique viewpoint to the table. Once in a while, I even put on my HQ hat, although I try to get my pictures taken with my ScQRPions shirt on. :-) And, I do take what opportunities I can to ensure that the other HQ staff are well aware of the concerns and issues facing the QRP community, too. And I must admit, that promoting the fun of QRP to "potential QRPers" is very important to me; I peppered my TT2 rewrite with URLs galore! :-)

Like I encourage other hams to do, I also share my views with my ARRL Director. I must admit, too, that in traveling to a lot of ARRL conventions, I get to have some interesting conversations with other Directors, too. I know that there is certainly some support on the Board for some of the concerns of the QRP community, a situation that can only be improved with more communication.

I think, though, that you have hit the nail on the head with the "enthusiasm" factor. But it sure ain't just me! This whole thing has been synergy from the very beginning, even before the original TT2 resurfaced under such mysterious circumstances. One fellow I chatted with about all this, a native American, felt it was truly magic at work, and I agree. Perhaps with all of the enthusiasm with NORCAL and NJ-QRP and various articles such as W6TOY's and others, it all came together so that the little radio that was being stripped for parts (when found, the crystal socket was gone) could no longer sit unused in a junkbox. I don't know, but I do know that it was many of us, each with a roll to play, that had this all unfold as it did. The fellow here at HQ who really promoted the W1FB callsign acquisition had, up until now, been a very quiet and shy sometimes QRP'er. I bet his life is changed forever now, too.

I appreciate the kudos, Paul, but I am having so much fun that the fun is thanks enough. Better a kudos for ALL of QRP, to be a part of ham radio that manages to generally always pull in the same direction. I bet that there are thousands of QRP'ers, yourself included, who would have done the same, had THEY been the ones that had the opportunities that I was given (both in finding the TT2 and in being able to organize the various events through W1AW and ARRL HQ). Many QRP'ers have made their contributions over the years, and I am proud that I, too, can offer some of myself to this wonderful community.

Why, even my unbounded energy and enthusiasm derives itself from the synergy of what so many QRP'ers do for each other. As I have found in my life, so often kindnesses come full circle, often perpetuating themselves through various people and events and then coming back to enriching those who start them in ways that they could never have imagined. All those who have given parts of themselves to others know whereof I speak. I know with no reservation that this is what the Universe wants of me. Maybe seeing firsthand how this can all work is part of the magic, too.

And thanks to you, too, Paul. I am still proud to be a Grand Zombie in the company of others. :-)

A personal 73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Paul Harden, NA5N [mailto:na5n@rt66.com]

Sent: Monday, February 28, 2000 10:58 PM

To: Low Power Amateur Radio Discussion

Subject: Kudo's for Ed Hare

Gang,

I just want to make a short public declaration of how much I appreciate all the efforts ARRL staffer Ed Hare has contributed to QRP lately. And I'm sure those feelings are shared by many. Between his many QRP operating exploits from TT2's, Black Cats and W1FB's to his most recent article in QST, he has given QRPers plenty of opportunities to work some all-time classics, AND is presenting the fun of QRPing in very good light to the HUGE general audience of QST readers.

Now I know Ed will probably deny his part in this ... but I can't help but notice the very favorable stance the ARRL seems to be developing towards QRPers lately, and can't help but think Ed plays a large role in this. Even if not directly at the ARRL headquarters, his undying enthusiasm and energy is certainly rubbing off in a most contagious way.

Great job on all your efforts and activities, Ed. They are truly appreciated by all.

72, Paul NA5N

Date: Tue, 29 Feb 2000 14:39:01 -0500

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'nkennedy@tcainternet.com'" <nkennedy@tcainternet.com>

Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>

Subject: [64596] RE: NorCal Tuna Tin 2 on Front Cover!

Message-ID: <125490A005E3D3118C9C00805FC743CC08D1F7@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Hi, Nick,

Actually, NORCAL's Doug did get mentioned in one of the sidebars. Unfortunately, Doug's schedule didn't permit him to write a TT2 revival article, so we went for Plan B, to rewrite the original. When we did make the Plan B, no one knew that W1FB would be a club call, so this really all did come together nicely.

Unfortunately, there was only limited room in QST, so many of the fine folks along the way (the many who operated W1AW/7, the many at NORCAL and NJ-QRP and ARCI and others who all played a role) just couldn't be included. As you said, though, the focus was DeMaw and the TT2. I did, however, put in more than the usual amount of URLs, though, eh? :-)

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Nick Kennedy [mailto:nkennedy@tcainternet.com]
Sent: Monday, February 28, 2000 10:07 PM
To: Low Power Amateur Radio Discussion
Subject: RE: NorCal Tuna Tin 2 on Front Cover!

I can *clearly* read NORCAL on the cover.

The article has five different sidebars on aspects of the TT-2. The one on page 38 mentions NORCAL.

There's a lot going on with this Tuna-Tin deal. It would have been nice to have some mention of "our" Doug, but the article was more focused on the W1FB Doug and the operating events involving W1RFI and the original TT-2.

I don't see the problem.

72,

Nick, WA5BDU
NORCAL member in the Arkansas section of Northern California

-----Original Message-----

From: Dave Fifield [SMTP:fifield@pacbell.net]
Sent: Sunday, February 27, 2000 6:31 PM
To: Low Power Amateur Radio Discussion

Subject: NorCal Tuna Tin 2 on Front Cover!

Did anyone else notice that the TT2 on the front cover of QST this month is one of Doug's boards that he made (with permission) for the NorCal QRP Club? You can just about make out the writing on the board....no mention of NorCal and the way Doug led the revival of the TT2 inside though....hmmm?

72, Dave Fifield, AD6A

Date: Tue, 29 Feb 2000 11:45:59 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64597] W1FB QSL
Message-ID: <20000229194559.4251.qmail@web2001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Are QSL instructions posted anywhere? Since many of us are on this list, how do we make things easy for the W1FB crew?

Curt WB8YYY

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Tue, 29 Feb 2000 14:17:29 -0800
From: Robert G Seymour <bobsey1@juno.com>
To: qrp-l@lehigh.edu
Subject: [64598] FS
Message-ID: <20000229.141959.-177299.2.bobsey1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I too have a couple of slide rules to sell.
1- 12" Picket good condx -- \$20
1- 6" Pocket Picket in leather case. \$10 also in good condx.

Both for \$25 + shipping

Bob Seymour W0LK bobsey1@juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 29 Feb 2000 15:25:59 -0500

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'wb8yyy@yahoo.com'" <wb8yyy@yahoo.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>

Subject: [64599] RE: W1FB QSL

Message-ID: <125490A005E3D3118C9C00805FC743CC08D202@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Hi, Curt,

QSL via W1RFI at the Central Connecticut QRP Club address.

I am going to print a certificate for everyone who worked the station and mail it. (ARRL will supply the envelopes, but I don't have the League pay for my personal QSLing.) It is the easiest way. I don't mind the costs because I just had so much fun! :-)

73 from ARRL HQ,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St.

Newington, CT 06111

860-594-0318

Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org/>.

ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Curt Milton [mailto:wb8yyy@yahoo.com]

Sent: Tuesday, February 29, 2000 2:46 PM

To: Low Power Amateur Radio Discussion

Subject: W1FB QSL

Curt WB8YYY

Date: Tue, 29 Feb 2000 12:43:34 -0800
From: "Tom Scott" <tscott@eni.net>
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>
Subject: [64601] Fine pitch SMT by VK3EM...How to use fine pitch IC's
Message-ID: <000701bf82f6\$649957c0\$68100f0a@wyle.com>

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Luke Enriquez

Sent: Monday, February 28, 2000 11:09 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Fine pitch SMT techniques...How to fine pitch IC's

Hi Tom (and others)

>So let's follow these two threads.

>1. How to build a low-cost re-flow oven that can efficiently, safely, >and
>uniformly generate the required heat.

>2. How to apply solder paste.

>3. Any other issues I've missed? Remember we're talking about those >parts
>that a soldering iron is simply not practical for.

Soldering very small pitch pins is really not a problem. You
can do it without ovens and solder cream.

Here is how :

1.) Line up your IC and tack solder the corner pins. Dont worry if you short
a few together, just make sure you don't bend the pins with your iron tip.
Double check all the pins line up, on each side of the IC. This process can
take up to 5 minutes on very large, fine pitch chips like an Altera flex
(0.02" spaced pins).

2.) Add a liberal amount of flux to all sides (pins) of the IC.

3.) Add a large blob of solder at one end of one edge. This will short out
lots of pins. Don't freak! Whilst holding the PCB on a slight
angle, use your iron tip to melt the solder and gently move you
iron tip down the side of the chip. The solder blob will follow
the iron tip. The tip should never touch the pins. As the molten solder
moves down the pins, the soldered pins should have a perfect fillet of
solder (between the pin and the pad) and have no shorts. This is all due to
the number one ingredient - FLUX! Its all in the surface tension!!

or

Add flux to all pins. Solder all pins, ignoring shorts. After all pins are
soldered, use solder wick to wick up excess solder. You might have to add a
bit more flux from time to time.

4.) Inspect work under magnification.

You see, no ovens, no special tools, no expensive hot air stations, all done
on the cheap. I've used this proceure time and time again on \$500+ FPGAs
and other DSP's. It really does work (despite your minds obvious objection
to intentionally shorting out pins).

Unfortunately, I never documented this in my guide to prototyping with SMT, but since there has been a bit of discussion, I might do so.

Regards,

Luke

VK3EM

Online guide to prototyping with SMT:

<http://www.geocities.com/vk3em/smtguide/smtguide.htm>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 29 Feb 2000 13:23:59 -0800

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [64602] Inquiry

Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FDEF@blaze.bccsc.gov.bc.ca>

Content-return: allowed

MIME-version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: 7BIT

Greetings,

I'm new to this list. I am interested in homebrewing QRP equipment or all types. I notice references to QRP-Tech. Should I be subscribing to QRP-Tech rather than this one to obtain technical information?

Doug VA7DD

Doug Davies

MailTo: Doug.Davies@gems3.gov.bc.ca

Date: Tue, 29 Feb 2000 16:54:18 -0500 (EST)

From: Jim Cotton <cotton@wmich.edu>

To: qrp-1@Lehigh.EDU

Subject: [64603] Looking for someone familiar with the HP 8410C, 8411A, 8412B

Message-ID: <Pine.GS0.4.21.0002291641520.16769-100000@medusa>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I am looking for someone who is familiar with the operation of the following HP equipment:

HP 8410C Network Analyzer
HP 8411A Harmonic Frequency Converter
HP 8412B Phase Magnitude Display

I have questions like:

What RF sources do I need to use with it?

Do I need a ?8501? controller?

Any manuals available for less than the cost of a new radio?

Please reply via private e-mail.

Jim Cotton, N8QOH		jim.cotton@wmich.edu
Western Michigan University		Phone: (616) 387-6421
Network Systems Group		Fax: (616) 387-5473

Date: Tue, 29 Feb 2000 17:15:34 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: ae4ic@nr.infi.net
Cc: qrp-1@lehigh.edu
Subject: [64604] Re: Testing Antenna Tuners
Message-ID: <38BBFEB0.5AC7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

Have you tested the EMTECH ZM-2 tuner? If you have, I would like to see the results you got. I would guess quite a few people on the QRP-1 would too.

Thanks-- 72 & 73,

Ben Poinsett, K3BP
Bethesda, MD

Date: Tue, 29 Feb 2000 14:13:38 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [64605] RE: Inquiry
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FDF1@blaze.bcsc.gov.bc.ca>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7BIT

Thanks to all for the replies. I have signed up for the QRP-Tech list as well. I am just getting back into QRPing after about a 20 year hiatus so I probably have a lot to catch up on. I have scammed some info on the Pixie2 off the internet and am very excited about the upcoming Norcal surface mount kit. I hope I'm one of the "lucky 500" that gets a kit :-).

I am very interested in learning to build radios as well as accessories such as small tuners, SWR and watt meters etc. So, I hope I came to the right place(s). I look forward to many learning experiences.

Doug VA7DD

Doug Davies
MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Tue, 29 Feb 2000 22:42:46 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [64606] RE: simplest possible antenna?
Message-ID: <E12PvK6-0000qG-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>What is the simplest possible antenna that I could construct for use on 40M
>with my DSW-40?

Hummm, providing you can load it up, how about a nail? It wont radiate very well, of course, but it will be an 'antenna'.

Or, a 50 ohm resistor (non inductive of course) - I did hear tell of several Hams who claim to have worked the world whilst still switched to the Dummy Load. Then there are the VHF and UHF 'contacts' that may possibly have actually been achieved from the radiation from the coaxial cable joining the rig to the transverter!

AH, you meant an 'effective' radiator did you? You should have been more specific! ;-)

Random wires, with ASTUs (Antenna System Tuning Unit) are always fairly easy to build (Try the W3EDP design - See the ARRL handbook/Antenna Handbook)

The 'good old' half wave dipole seems fairly straight forward, and easy to build. Cut a piece of wire that is about 20M in length in half, and attach a length of coax. to the middle. Then trim to taste.

Can't think of many that come easier than those.....

Cheers de Dave (G0DJA)

Date: Tue, 29 Feb 2000 22:42:45 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [64607] UK Callsigns
Message-ID: <E12PvK4-0000qG-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> Just worked GM30XX/QRP -- he is at 1 watt on 28.060.6
>
> Jake -- N4UY/QRP

I doubt it!

signing /QRP is not legal over here....

There are only three suffixes that are specified in the 'standard' UK regulations, these are as follows;

/P - Alternative location (that is, you are not at home, but somewhere else);
/M - Mobile (including walking about, in a vehicle, riding a bicycle etc) and;
/MM - Maritime Mobile (self explanatory - probably)

One of my pet hates is to be called by someone who adds something to my callsign that I did not send. For example, I call on, say, 14.060 and it goes something like this:-

CQ CQ CQ QRP DE G0DJA G0DJA G0DJA K

G0DJA/QRP DE ***** (callsign left out to protect the guilty!)

***** DE G0DJA G0DJA G0DJA PSE KN

G0DJA/QRP DE ***** UR 599 HR PSE KN

***** DE G0DJA G0DJA G0DJA CALL HR G0DJA G0DJA G0DJA PSE KN

etc., etc.

PLEASE I know I'm in the SOC, but surely my sending isn't so bad that G0DJA sounds like G0DJA/QRP?!

;-)

Cheers de Dave (G0DJA)

Date: Tue, 29 Feb 2000 22:42:47 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [64608] NorCal 20 - 1st Contacts
Message-ID: <E12PvK7-0000qG-00@relay1.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It's always nice to be able to make that first contact with a new rig, isn't it?

Even better when it's a new QRP rig and the first contact made is with another QRP station!

It was a radio club night tonight (Wakefield & District Radio Society) so I was able to make use of the 3 element tri-band beam to properly test out the NC20 that I've just finished.

First station worked was RW3AI/QRP (That's what he sent, so I guess /QRP is legal in Russia. HI!) A G-QRP Club member as well....

After that were a couple of QRO Russians and then EA8QJ on Tenerife, who was also QRP.

So, now to go looking for some other QRPers on 20M. Unfortunately my own antenna is not as good as at the club station, so it's back to the trusty doublet hanging from the guttering now.

Cheers de Dave (G0DJA)

AKA G3WRS or GX3WRS (The 'X' tells you that it's a Club station, and allows unlicensed visitors to pass greetings messages. Just incase you were

wondering what the 'X' stood for.)

Date: Tue, 29 Feb 2000 14:42:12 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Thom Durfee <wi8w@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64609] Re: Variable Cap Pool
Message-ID: <Pine.GSO.4.10.10002291438470.21028-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Feb 2000, Thom Durfee wrote:

> In the January 2000 issue of the QRP/ARCI Quarterly, a letter from Rock
> W9SCH called for the creation of a "pool" to collect and distribute
> variable capacitors that have long ago left the general market.
>
> Has anyone else read this and do you have any comments concerning it? I
> have emailed Mary NA6E, the Editor of the Quarterly about this subject and I
> have volunteered to take on this project.
>
> I propose a voluntary, not for profit, project to collect, sort and
> distribute these sometimes hard to find items.
>
> I welcome your comments and suggestions.
>

Hi Thom,

SUPER!!!

I think this is not only a great idea but very nice of you to offer your time and space to do it. Without people like you to jump up and do the hard work, many, many good ideas would otherwise die on the vine!

I know there are tube "banks" that work out well and I'm sure this will too.

Thanks again,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....

.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Tue, 29 Feb 2000 15:48:36 -0800
From: Ed Loranger <we6w@qsl.net>
To: Barney <cbrlwaldrop@pullman.com>, Ben <BenNW7DX@aol.com>, "ewilson@nccn.net" <ewilson@nccn.net>, Randy <t-ranch@humboldt1.com>,
Randy Foltz <rfoltz@turbonet.com>, Wayne <NB6M@mer.win-net.org>
Cc: qrp-1@lehigh.edu
Subject: [64610] QRQ Net Practice Sentences.
Message-ID: <38BC5AD4.1055@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here are the traffic sentences for this
Sunday's QRQ Net.

QRQ Net Host: WE6W (Northern California)
Sunday, 7039 KHz, 7 PM PST.

(Monday 0300Z UTC)

Taken from Kraus' "Antennas"; (sections
on helical antennas and frequency independent
antennas.)

- #1) A circular polarized pattern is fundamental
to a quadrifilar Kilgus coil.
- #2) The Resonant Wheeler coil produces
narrowband circular waves.
- #3) A true frequency independent antenna is
only characterized by angles.

Net Procedure: Sending from 22 WPM to >50 WPM,
increasing approx. 2 WPM each round.

Station Callup and broadcast round robin list order.
NCS sends the 3 sentences and passes to next station.

Stations drop out when they wish, or may continue
at their highest speed, ignoring current net speed.

The net is designed for fun and is not critical of your sending. The intent is to send the best code we can at the highest word speed. Progression occurs at the character rate and the word speed improves over time.

Hope you can join us.

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Tobor, The 8th Man to the rescue!

Date: Tue, 29 Feb 2000 18:52:06 -0500
From: Clay N4AOX <wyn@worldnet.att.net>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64611] Re: Kudo's for Ed Hare
Message-ID: <38BC5BA6.5FF9@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hare, Ed, W1RFI wrote:

>
>
>
> Now, as to QRP and ARRL, it is a pretty easy sell. The goals of the QRP
> community -- on the air activity, Elmering, construction, etc., are all very
> much the goals of the ARRL. Some of the QRP promotion is really promoting
> some of the other goals. QRP is one of many active and vibrant parts of ham
> radio, and ALL deserve our support. Joe Carcia, the W1AW Chief Op, mused
> that when ARRL did the QRP ARCI/ARRL Black Cat event, it was all QRP,

Now there is a great idea! Change the call from W1AW to W1FB and go 100% QRP.

That would add a little class to the Newington operations and no more complaining about broadcast QRM. The savings on the power bill alone should lead to a reduction in the price of a QST.;-)

72/73,
Clay N4AOX

Date: Tue, 29 Feb 2000 16:56:50 -0700

From: "Ron Smith" <resmith666@uswest.net>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64612] Re: Don't ignore W8KC!!! Re: Way-y-y-y-y OT: Comm Specs
Message-ID: <086701bf8310\$c8c2fac0\$0200000a@NET.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Paul,

> Fer cryin' out loud... doesn't anyone pay attention to my posts? I said
> this yesterday, now write it down someplace so you don't forget...
>
> www.google.com
>
> Typed "communication specialists" in the search window and POOF!
>
> www.com-spec.com was the fourth "hit"
>
> Home Page Communications Specialists Inc.
> ...(800)854-0547 Fax (800)850-0547 Communications Specialists Inc....
> ...Copyright 1997-98 Communications Specialists, Inc....
> www.com-spec.com/ - Cached - 2k - GoogleScout
>
> Ok... you all got that? Bookmark www.google.com
>
> It's also in QST, page 151...

I don't get QST so can't look the URL's up. What were they again?

; -)

72

Ron Smith - KD7VD - Boise, Idaho
WHINERS #7 SOC #47

Date: Tue, 29 Feb 2000 18:59:41 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [64613] R1AND - Antartica Solviet Union
Message-ID: <38BC5D6D.65457374@worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked R1AND (2357 UTC) on 21.009.20 with 5 watts.
Got a 559. That's a QRP QSO!

Tom, N1TP
Naples, FL.

End of QRP-L Digest 1746
